

BOROUGH OF KETTERING



ANNUAL REPORT

of the
Medical Officer of Health
For the Year 1967



J. V. L. FARQUHAR, M.A., M.R.C.S., L.R.C.P., D.P.H.

Together with the Report of
G. WALSHAW, A.M.I.P.H.E., M.A.P.H.I.
Chief Public Health Inspector

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Public Health Department,
Municipal Offices,
Bowling Green Road,
KETTERING.

Telephone: Kettering 5211.

May, 1968.

*To HIS WORSHIP THE MAYOR,
ALDERMEN AND COUNCILLORS OF THE
BOROUGH OF KETTERING.*

MR. MAYOR, LADIES AND GENTLEMEN,

In accordance with my statutory duty as your Medical Officer of Health, I have the honour to present my Annual Report for the year 1967.

The contents of this report have been compiled in accordance with the Ministry of Health Circular No. 1/68 received on 2nd January, 1968.

The vital statistics in the report are satisfactory. There has been a slight decrease in both the birth rate and the death rate. There were 11 deaths of infants under one year of age as compared with 6 in 1966. The number of illegitimate births was 57 and this represents 8.5% of all Kettering births (9% in 1966).

The natural increase in population, that is the difference between the number of live births and the number of deaths, amounts to 201 (196 in 1966). During the years 1961-67 the natural increase in population has amounted to 1,263 and the number of occupied houses has increased by almost 1,400, of which 290 were privately built in 1967. The addition of the figure of 1,263 to the 1961 census population of 38,659 amounts to 39,922 and this calculation does not take into account persons moving into the town during this period. It would, therefore, appear that the present population is in excess of 39,922 although all calculations in this report are based on the estimated population given by the Registrar-General, i.e. 39,270.

There has been no maternal death since 1958. There were twenty deaths from cancer of the lung and bronchus, of which 16 were males. During the years 1958-1967 inclusive, the total number of deaths, both sexes, from cancer of these sites was 187. The total number of deaths from cancer in other sites during this period was as follows:—

| | | |
|---------|-----|-----|
| Stomach | ... | 110 |
| Breast | ... | 91 |
| Uterus | ... | 46 |

No-one was admitted to hospital during the year under the provisions of the National Assistance Act, 1947, Section 47.

Clearance Areas Nos. 65 (8 houses), 66 (4 houses) and 67 (2 houses) were declared during the year and Areas Nos. 68, 69 and 70 comprising

14 houses were represented but had not been officially declared as Clearance Areas at 31st December.

The Council's waiting list for houses was approximately 850. In connection with the allocation of Council houses as far as the Public Health Department is concerned, recommendations are, from time to time, made by me after personal visits have been made to investigate the circumstances of each case. Medical and social assessments are forwarded to the Housing Manager.

There were no cases of poliomyelitis, smallpox, diphtheria or enteric fever during the year, but there were 697 cases of measles.

The County Medical Officer of Health is no longer able to supply separate details of immunisations carried out on Kettering children but the above speaks for itself of the efficacy of the measures undertaken.

There were no deaths from tuberculosis, but four new cases of pulmonary tuberculosis in children were notified, and these remind us that we cannot afford to relax vigilance to keep this disease under control.

One thousand four hundred and sixty-seven cremations were carried out during the year at the Kettering Crematorium (1,483 in 1966). The number of cremations of Kettering residents (330) amounted to 72% of the deaths (69% in 1966).

Details of cremations of residents from other areas in 1967 were as follows:—

| | | | | |
|-----------------------------|-----|-----|-----|-----|
| Brixworth R.D.C. | ... | ... | ... | 16 |
| Burton Latimer U.D.C. | ... | ... | ... | 30 |
| Corby U.D.C. | ... | ... | ... | 133 |
| Desborough U.D.C. | ... | ... | ... | 39 |
| Higham Ferrers Borough | ... | ... | ... | 30 |
| Irthlingborough U.D.C. | ... | ... | ... | 40 |
| Kettering R.D.C. | ... | ... | ... | 66 |
| Market Harborough U.D.C. | ... | ... | ... | 83 |
| Market Harborough R.D.C. | ... | ... | ... | 26 |
| Northampton County Borough | ... | ... | ... | 5 |
| Northampton R.D.C. | ... | ... | ... | 2 |
| Oundle U.D.C. | ... | ... | ... | 20 |
| Oundle and Thrapston R.D.C. | ... | ... | ... | 54 |
| Raunds U.D.C. | ... | ... | ... | 44 |
| Rothwell U.D.C. | ... | ... | ... | 44 |
| Rushden U.D.C. | ... | ... | ... | 142 |
| Uppingham R.D.C. | ... | ... | ... | 7 |
| Wellingborough R.D.C. | ... | ... | ... | 84 |
| Wellingborough U.D.C. | ... | ... | ... | 234 |
| Other Authorities | ... | ... | ... | 38 |

On two occasions it was necessary for the Medical Referee to enlist

the services of the Pathologist appointed by the Council in pursuance of the Cremation Regulations, 1930.

One thousand one hundred and seventy requisitions for a search under the Land Charges Act, 1925 were received during the year.

A very large number of international vaccination certificates was brought to the Department to be countersigned and stamped.

Copies of my Annual Report were again made available in the Public Library, and extracts from it were exhibited on a display board. Interest was shown by members of the public and it is intended to make this report similarly available.

In October leaflets concerning Home Safety were delivered to all Council houses, together with a leaflet regarding the safe use of oil heaters, one concerning condensation and instructions regarding frost precautions. Distribution of the leaflets to the rest of the town is being carried out in 1968.

Ten male and eleven female prospective employees were medically examined and all were considered fit for employment in the Council's service.

Alderman R. L. Denney who was Chairman of the Public Health Committee showed great interest in the work of the Department and I wish to express my thanks to him and to members of the Committee, to the Chief Officers and other members of the staff of the Department who have always afforded co-operation.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

J. V. L. FARQUHAR,

Medical Officer of Health.

ACKNOWLEDGEMENTS

Certain information contained in this Annual Report has been supplied by the following, to whom acknowledgement is made, and the Medical Officer of Health wishes personally to thank them for their co-operation during the year:

Town Clerk.

Borough Engineer and Surveyor.

Borough Treasurer.

County Medical Officer of Health.

Housing Manager.

Manager, Mid-Northamptonshire Water Board.

Manager, Kettering Employment Exchange.

Women's Voluntary Services.

The British Red Cross Society.

Kettering Mothers' Club.

BOROUGH OF KETTERING

PUBLIC HEALTH COMMITTEE

December, 1967

MEMBERS:

ALDERMAN R. L. DENNEY (*Chairman*).
COUNCILLOR M. M. THOMSON (*Deputy Chairman*).
THE MAYOR, COUNCILLOR MRS. M. F. NEWMAN, J.P.
COUNCILLOR W. F. BENNION.
COUNCILLOR R. CROSS.
COUNCILLOR MRS. C. M. CULLEN, J.P.
COUNCILLOR MRS. E. M. KING.
COUNCILLOR G. C. LAMONT.
COUNCILLOR P. J. LEONARD.
COUNCILLOR L. F. LOASBY.
COUNCILLOR C. A. PEPPER.
COUNCILLOR P. WARD.
COUNCILLOR T. J. WRIGHT.

STAFF OF THE HEALTH DEPARTMENT

Medical Officer of Health:

JOHN VAUX LILLIE FARQUHAR, M.A. (Cantab), M.R.C.S., L.R.C.P. (Lond.), D.P.H. (Leeds), also Medical Referee to the Kettering Crematorium, and also holds the appointment of Assistant County Medical Officer, Northamptonshire County Council.

Chief Public Health Inspector:

G. WALSHAW, A.M.I.P.H.E., M.A.P.H.I., (1) (2) (3) (4).

Deputy Chief Public Health Inspector:

B. R. HODGINS, M.A.P.H.I., (1) (4) (6).

Additional Public Health Inspectors:

C. R. WILSON, M.A.P.H.I., (4) (5) (6).

J. F. NOON, M.A.P.H.I., (4) (7).

Authorised Meat Inspector:

F. SMITH, A.M.R.S.H., M.A.M.I., (8).

Pupil Public Health Inspector:

N. P. BASFORD (From 14th September).

Chief Clerk:

J. F. BURRIDGE.

Deputy Chief Clerk:

K. G. DIX.

Clerks:

MISS K. R. YORK (To 28th March).

MISS K. NORMAN (From 28th March).

M. J. SZOLTYSEK (To 10th December).

P. J. ALLEN (From 4th December).

Rodent Operator and General Assistant:

G. A. PERRY.

-
- (1) Certificate of the Royal Sanitary Institute and Sanitary Inspector's Exam-
ing Board as Sanitary Inspector.
 - (2) Certificate of the Royal Sanitary Institute as Inspector of Meat and Other
Foods.
 - (3) Certificate of the Royal Sanitary Institute for Sanitary Science.
 - (4) Certificate of the Royal Sanitary Institute as Smoke Inspector.
 - (5) Certificate of the Public Health Inspector's Education Board as Public
Health Inspector.
 - (6) Royal Society of Health Diploma for Inspectors of Meat and Other Foods.
 - (7) Diploma of the Public Health Inspectors' Education Board.
 - (8) Certificate in Meat Inspection of the Royal Society of Health.

SUMMARY OF STATISTICS

| | |
|-------------------------------------------------------------------------------------|------------|
| Area (acres) | 4,539 |
| Population— | |
| Census, 1961 | 38,659 |
| Registrar-General's estimate of resident population as at 30th June, 1967 | 39,270 |
| Number of inhabited houses— | |
| According to Rate Books (end of 1967) | 14,510 |
| Rateable Value | £1,637,391 |
| Estimated Yield of One Penny Rate | £6,490 |

Extracts from Vital Statistics for the Year

| LIVE BIRTHS | <i>Males</i> | <i>Females</i> | <i>Totals</i> | |
|---------------------|--------------|----------------|---------------|-------------------------|
| Legitimate | 300 | 303 | 603 | |
| Illegitimate | 28 | 28 | 56 | |
| | 328 | 331 | 659 | Birth-rate 16.8 (Crude) |

Adjusted Birth-rate (Area Comparability Factor 1.10) 18.48

| STILL BIRTHS | <i>Males</i> | <i>Females</i> | <i>Totals</i> | |
|---------------------|--------------|----------------|---------------|-------------|
| Legitimate | 7 | 4 | 11 | |
| Illegitimate | 1 | — | 1 | |
| | 8 | 4 | 12 | Rate 17.9 * |

| DEATHS | <i>Males</i> | <i>Females</i> | <i>Total</i> | |
|---------------|--------------|----------------|--------------|--------------------------|
| | 232 | 226 | 458 | Death-rate 11.66 (Crude) |

Adjusted Death-rate (Area Comparability Factor 0.85) 9.9

Number of Women dying in, or in consequence of, Childbirth Nil

Death-rate of infants under one year of age :

| | |
|-------------------------------------------------------------|-------|
| All infants per 1,000 live births | 16.69 |
| Legitimate infants per 1,000 legitimate live births ... | 18.24 |
| Illegitimate infants per 1,000 illegitimate live births ... | — |

| | <i>Rate per</i> <i>Number 1,000 population</i> |
|-----------------------------------------------|---------------------------------------------------|
| Deaths from Measles | Nil — |
| Deaths from Whooping Cough | Nil — |
| Deaths from Diphtheria | Nil — |
| Deaths from Respiratory Tuberculosis | Nil — |
| Deaths from Other Tuberculous Diseases | Nil — |
| Total Tuberculosis Deaths | Nil — |
| Deaths from Cancer | 87 2.18 |
| Deaths from Influenza | 1 0.03 |

*Per 1,000 Total (Live and Still) Births Registered.

I. STATISTICS AND SOCIAL CONDITIONS

Population. (Table 1, page 40). The Registrar-General's estimate of the resident population for the mid-year 1967 is 39,270 and the vital statistics in this report are based on this figure.

The population at the 1961 census was 38,659.

Births. (Tables 1 and 2, page 40). Six hundred and fifty-nine live births (328 males and 331 females) were registered. This gives a crude birth rate of 16.8 per thousand of the total population, compared with 17.4 in 1966. The corrected birth rate, i.e. that rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales is 18.48 compared with 17.2 for England and Wales. Fifty-six births were illegitimate, 28 males and 28 females.

There were 12 still-births (8 males and 4 females). This gives a still-birth rate of 17.9 per thousand total births. Table 8, page 44 records the registered causes of these still-births. One still-birth was illegitimate.

The Registrar-General's area comparability factor for the adjustment of the birth rate is 1.1.

Deaths. (Tables 1 and 3, page 40 and Table 6, page 42). Four hundred and fifty-eight were males and two hundred and twenty-six females. Sixty-six residents died outside the Borough, and four hundred and twenty-four non-residents died within the Borough. The crude death rate is therefore 11.66 compared with 12.38 in 1966. The corrected death rate, i.e. the rate which would be arrived at if the age and sex constitution of the population of this district was in the same proportion as the rest of England and Wales is 9.9 compared with 11.2 for England and Wales.

The Registrar-General's area comparability factor for the adjustment of the death rate is 0.85.

Table 23, page 61 gives details of deaths from cancer since 1958.

Maternal Mortality. (Table 4, page 41). No maternal deaths occurred during the year.

Infant Mortality. The infant mortality rate, which is the death rate of children under 1 year of age per 1,000 live births, is shown in Table 5, page 41, in comparison with the rate for England and Wales.

Perinatal Mortality. The perinatal mortality, which is still-births and deaths under one week of age was 30 per thousand live births, as compared with 25.4 for England and Wales.

State of Employment. The Kettering Employment Exchange covers the Borough of Kettering, the Urban Districts of Burton Latimer, Desborough and Rothwell, and a number of the villages in the Kettering

Rural District, and the following statistics therefore refer to the whole of the Exchange area and are in respect of persons 18 years of age and over. A very large percentage of the men and women referred to, do however, reside in the Borough.

The Manager of the Employment Exchange has kindly supplied the following information:

| | | | | | | | |
|-------------------------------------------------------|-----|-----|-----|-----|-----|-------|------|
| Number of persons who were registered as unemployed | | | | | | | |
| on 1st January, 1967 | ... | ... | ... | ... | ... | Men | 522 |
| | | | | | | Women | 65 |
| Number of persons who were registered as unemployed | | | | | | | |
| on 31st December, 1967 | ... | ... | ... | ... | ... | Men | 420 |
| | | | | | | Women | 199 |
| Number of unemployed registered disabled persons (in- | | | | | | | |
| cluded above) | ... | ... | ... | ... | ... | Men | } 56 |
| | | | | | | Women | |

There is little demand for labour and the general outlook cannot be one of optimism.

Although there is not so much short-time working at present, this cannot be taken as a basis for the immediate future. Many firms cannot forecast beyond two months.

There has been an appreciable cut back in the general labour force locally over the past year, especially in the Boot and Shoe Industry and more so in the Iron Stone Quarrying in which a number of quarries have closed altogether.

The percentage of unemployed is as follows:—

| | | | |
|---------------|-----|-----|------|
| Kettering | ... | ... | 2.3% |
| East Midlands | ... | | 1.9% |
| National | ... | ... | 2.5% |

II. GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES

Treatment Centres and Clinics. Out-patients Clinics provided by the Kettering and District Hospital Management Committee of the Oxford Regional Hospital Board are as follows:

At Kettering General Hospital—

| | | | | |
|--------------------------------|-----|-----|-----|----------------------------------------------------------------------------------------------------------------------------------|
| Dental ... | ... | ... | ... | Thursday 9.00 a.m. |
| Orthodontics ... | ... | ... | ... | Monday 9.15 a.m. and 2.00 p.m. Tuesday 9.15 a.m. Wednesday 9.15 a.m. |
| Orthopaedic ... | ... | ... | ... | Monday 2.00 p.m. (2nd and 4th) Tuesday 2.00 p.m. Thursday 2.00 p.m. |
| Plastic Surgery | ... | ... | ... | 1st Wednesday 10.30 a.m. |
| Geriatrics ... | ... | ... | ... | Wednesday 2.00 p.m. |
| Chest ... | ... | ... | ... | Friday 9.00 a.m. |
| Medicine ... | ... | ... | ... | Monday 2.00 p.m. Wednesday (1st) 8.30 a.m. Wednesday 8.30 a.m. Tuesday (Alternate) 2.00 p.m. Friday 8.30 a.m. |
| Physical Medicine | ... | ... | ... | Tuesday 2.00 p.m. Friday 9.00 a.m. |
| Surgery ... | ... | ... | ... | Monday 9.00 a.m. Monday (2nd) 2.00 p.m. Tuesday 9.00 a.m. Tuesday 10.00 a.m. Wednesday 8.30 a.m. Friday 2.00 p.m. |
| Gynaecology and Obstetrics ... | ... | ... | ... | Monday 9.00 a.m. Tuesday 2.00 p.m. Thursday 2.00 p.m. Friday 1.30 p.m. |
| Ear, Nose and Throat | ... | ... | ... | Tuesday 9.00 a.m. Thursday 2.00 p.m. |
| Ophthalmology | ... | ... | ... | Monday 2.00 p.m. (2nd, 3rd, 4th and 5th. Wednesday 9.00 a.m. Friday 9.00 a.m. |
| Dermatology ... | ... | ... | ... | Monday (3rd) 9.00 a.m. Tuesday 1.30 p.m. |
| Wart Clinic ... | ... | ... | ... | Monday (1st, 3rd and 5th) 2.00 p.m. |
| Paediatric ... | ... | ... | ... | Thursday 9.00 a.m. |

| | | | | |
|-------------------------------|-----|-----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Psychiatry | ... | ... | ... | Monday 9.00 a.m. (Child and Family) Monday (1st and 3rd) 2.00 p.m. (Mentally Handicapped and Family) Wednesday (2nd and 4th) 2.00 p.m. Thursday 9.00 a.m. (Child and Family) Thursday 1.30 p.m. |
| G. U. Cystoscopy | ... | ... | ... | Thursday 8.30 a.m. |
| Radiotherapy | ... | ... | ... | Wednesday 2.00 p.m. Thursday (Alternate) 2.00 p.m. |
| Combined Radiotherapy/Surgery | | | | Monday (4th) 2.00 p.m. Wednesday (1st) 2.00 p.m. |
| Venereal Diseases (Women) | ... | | | Tuesday 5.30 p.m. |
| „ „ (Men) | ... | | | Tuesday 6.30 p.m. |

Special Departments available on reference from one of the above Clinics only:

Orthoptic;
Speech Therapy;
Chiropody.

An appointments system is operated for all the above clinics except that for Venereal Diseases.

A casualty and daily fracture clinic is held at Kettering General Hospital from 9.00 a.m. to 11.00 a.m. each day, covered by an orthopaedic surgeon.

The following Clinics and Treatment Centres are provided by the Northamptonshire County Council:

Relaxation and Mother Craft Clinics—

| | |
|----------------------------------|-----------------------------------------------------|
| School Lane Centre, British Lane | Monday, 7 p.m. Wednesday, 10 a.m. „ 6.45 p.m. |
|----------------------------------|-----------------------------------------------------|

Child Welfare Clinics—

| | |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| School Lane Centre, British Lane | Monday, 2 p.m. Wednesday, 2 p.m. Friday, 2 p.m. |
| Barton Seagrave | Tuesday, 2 p.m. |
| St. John's Hall, Grange Estate | Monday, (2nd) 2 p.m. (Health Visitor's sessions) Monday, (4th) 2 p.m. (Doctor's sessions) |

Immunisation and Vaccinations Clinics—

| | |
|----------------------------------|-----------------------------|
| School Lane Centre, British Lane | Monday, (2nd) 2 - 4.30 p.m. |
|----------------------------------|-----------------------------|

Ophthalmic Clinic—

School Lane Centre, British Lane By Appointment.

Speech Clinic—

School Clinic,

Stockburn Memorial Home By Appointment.

Child Guidance Clinic—

School Lane Centre, British Lane By Appointment.

Stockburn Memorial Home ... By Appointment.

Family Planning Clinic—

School Lane Centre, British Lane Thursday, (2nd) 5.30-7.30 p.m.

Thursday, (3rd) 9.30-11.30 a.m.

Laboratory Facilities. The following specimens were sent to the Public Health Laboratory, Northampton:—

| | | | | |
|-----------------------------------------------------------------------------------|-----|-----|-----|----|
| Water—Town's supply from taps | ... | ... | ... | 3 |
| Water—Council's Swimming Bath and Paddling Pools (Bacteriological examination) | ... | ... | ... | 10 |
| Water—Other Swimming Baths and Paddling Pools (Bacteriological examination) | ... | ... | ... | 7 |
| Frozen Foods | ... | ... | ... | 14 |
| Various Meat Products | ... | ... | ... | 9 |
| Milk | ... | ... | ... | 91 |
| Ice Cream | ... | ... | ... | 35 |

The following specimens were sent to the Laboratory at the Kettering and District General Hospital:—

| | | | | | |
|------------------|-----|-----|-----|-----|----|
| Faecal specimens | ... | ... | ... | ... | 39 |
| Throat Swabs | ... | ... | ... | ... | 23 |

Health Education. During the year posters dealing with Health Education were exhibited in the entrance to the Public Library.

Talks have also been given to various local organisations and whenever possible colour slides taken in the town have been shown to illustrate the talks.

III. SANITARY CIRCUMSTANCES

Water. The responsibility for the provision of water supplies to the Borough of Kettering has been the responsibility of the Mid-Northamptonshire Water Board since 1st July, 1949, and the following information which relates to the whole of the Board's area, as separate figures are not available in respect of Kettering, has been supplied by the Engineer and Manager of the Board.

"The supply to Kettering during 1967 has been satisfactory both in quantity and quality. The bacteriological examinations of the various waters supplied into Kettering have been made up as follows:—

| | | | | | |
|------------------------------------------|-----|-----|-----|-----|-----|
| Pitsford Raw | ... | ... | ... | ... | 80 |
| Pitsford Sedimented | ... | ... | ... | ... | 72 |
| Pitsford Final | ... | ... | ... | ... | 114 |
| Cransley Final | ... | ... | ... | ... | 128 |
| Diddington Final (Sampled at Hannington) | | | | | 6 |
| Kettering Supply | ... | ... | ... | ... | 17 |

Nine samples of Pitsford water were analysed for Chemical content. No further check has been made of the Fluoride content but I do not expect it to have changed.

The water is not liable to have plumbo-solvent action, a fact which was checked in December, 1967, when two samples of water in Northampton which had been in contact with lead (a) for some weeks and (b) for 24 hours showed that in the first case the lead content was 0.05 p.p.m. and in the second 0.02 p.p.m.

There has been no contamination of the supply".

Water Supply. The following table shows the estimated details of the water supply in the town:

| | <i>Dwelling Houses</i> | <i>Estimated Population</i> |
|--------------------------------------------------------------|----------------------------|---------------------------------|
| Total Number | 14,510 | 39,270 |
| Supplied direct from town's mains | 14,493 | 39,240 |
| Supplied from wells | 1 | — |
| Supplied from taps in outbuildings or standpipes in yards | 16 | 30 |

Drainage and Sewerage. During the year the following new estates have been completed and all houses connected to the sewers:

| | |
|--------------------------|------------------------------------|
| Drury Estates Limited | Gipsy Lane Estate (3rd Phase) |
| Tarmac Buildings Limited | Rockingham Road Estate (1st Phase) |

Sewers have been completed on the following estates and houses are being connected as development proceeds.

| | | |
|---------------------------|-----|---------------------------------------------|
| Chowns Limited | ... | Pebbleford Estate |
| Wilson (Builders) Limited | | Grosvenor Road Estate (5th phase) |
| Drury Estates Limited | ... | Lodge Farm Estate (1st, 2nd and 3rd Phases) |
| H. Dare and Son Limited | | Hall Farm Estate (1st Phase) |
| The Thomas Langley Group | | Wicksteed Park Estate |

85% of the sewers on the Tarmac Buildings, Rockingham Road Estate (2nd Phase) have been completed and all houses are being connected to the sewers as development proceeds.

No further development has taken place on the Rockingham Road Estate of F. Lack Limited.

Routine flushing, cleansing and maintenance of sewers has been carried out throughout the year.

Thirty-six cesspool emptyings have been undertaken in the Borough, 137 catchpit emptyings and 122 grease trap and oil trap emptyings.

The Council's Sewage Disposal Works at Finedon has continued to function satisfactorily.

Closet Accommodation—

| | | | | | |
|------------------------------------------------------------------|-----|-----|-----|-----|----|
| Houses on water carriage system to septic tanks or cesspools ... | ... | ... | ... | ... | 21 |
| Factories on water carriage system to septic tank | | | | | 2 |
| Factory with chemical closets ... | ... | ... | ... | | 1 |

Rivers and Streams. Rivers and streams have been inspected and cleansed.

Public Cleansing. The weekly collection of house and trade refuse and its disposal by controlled tipping at the Wood Lane Tips has proceeded satisfactorily throughout the year.

The approximate amount of refuse collected during the year amounted to 17,870 tons of house refuse and 1,226 tons of trade refuse.

Routine scavenging, cleansing of streets and street gullies has also continued in a satisfactory manner.

Public Conveniences. All public conveniences have been regularly inspected, cleansed and maintained.

Private Street Works. No private street works were carried out during the year.

District Inspection. The work of the Public Health Inspectors is summarised in Table 9, page 45. Seven thousand eight hundred and twenty inspections and visits were made in the year 1967 as compared with 5,750 in 1966.

Factories. Table 12, page 48 gives particulars of premises on the register and work done under the Factories Acts, 1937 and 1948 in the form prescribed by the Ministry of Labour.

Camping Sites. No sites in the area were used for holiday purposes during the year.

The Northampton Road Recreation Ground site which is used by travelling fairs was kept under sanitary supervision during the time it was used.

Swimming Baths and Pools. Attendance at the Covered Bath for 1967 was 99,281 as compared with 83,826 during 1966.

Attendance at the Open Air Bath was 23,466 as compared with 17,718 during the previous year.

School attendance (included in the above figures) at the Public Baths totalled 23,793 as compared with 16,068 during 1966.

The Slipper Baths were attended by 13,022 as compared with 14,983 during the previous year.

The Paddling Pool at Rockingham Road Park was filled for the period of the schools' summer holiday only and was kept under careful supervision.

Prevention of Damage by Pests Act, 1949. (Table 11, page 47). During the year 308 applications for the services of the Rodent Operator were received from occupiers of premises where infestations existed or were suspected. The early seeking of the assistance of the Public Health Department has enabled infestations to be quickly eradicated.

The Council's refuse tip and the Sewage Works at Finedon continued to receive regular inspection and treatment.

Ten infestations by rats and twenty-six by mice were dealt with at food premises.

Seventy-seven requests for the destruction of wasps' nests were received.

HOUSING IV.

Individual Unfit Houses. Table 13, page 49 shows the houses which have been officially represented as unfit under the Housing Acts, 1936-1957, and for which undertakings have been accepted, prior to 1957, that they will not be let for human habitation.

Table 17, page 53 shows the houses which were so represented 1957-1967, under Section 157 of the Housing Act, 1957.

Clearance of Unfit Houses. Table 15, page 50 shows the position as at 31st December, 1967 of the houses in Clearance Areas which were officially represented prior to 1967, and Table 16, page 52 shows those which were represented during 1967 for inclusion in Clearance Areas.

Under post-war clearance schemes houses have been dealt with as follows:—

| | <i>Years</i> | <i>Number of Areas</i> | <i>Houses included</i> | <i>Total</i> |
|---------------------------------------------------------|--------------|----------------------------|----------------------------|--------------|
| <i>(a) Clearance Areas declared:</i> | | | | |
| | 1955-60 | 42 | 295 | |
| | 1961-65 | 16 | 104 | |
| | 1966 | 2 | 20 | |
| | 1967 | 3 | 14 | |
| | | | — | 433 |
| <i>(b) Corporation owned houses certified as unfit:</i> | | | | |
| | 1957-59 | | 23 | |
| | 1961-62 | | 3 | |
| | 1966 | | 1 | |
| | | | — | 27 |
| <i>(c) Houses represented individually as unfit:</i> | | | | |
| | 1955-60 | | 26* | |
| | 1961-64 | | 14† | |
| | 1967 | | 3 | |
| | | | — | 33 |
| *9 houses subsequently included in Clearance Areas. | | | | |
| †1 house subsequently included in Clearance Area. | | | | |
| Total houses represented ... | | | | 493 |

At the 31st December there were 125 houses which it is proposed to inspect in the years 1968/70 with a view to their being included in clearance areas.

By the end of the year a total of 424 houses had been demolished (36 in 1967) and a further 34 were void, leaving 14 awaiting the re-housing of the occupants. Six houses have been adapted to business

use, ten were declared “Fit” following Public Enquiry, and eight were made “Fit”.

In 1967 twenty-six families comprising 65 persons were re-housed from unfit property.

Repairs to Property. Table 18, page 54 gives details of the work of the public health inspectors in this connection. Four hundred and twenty-nine informal notices (including 73 verbal notices) were served and eleven statutory notices under the Public Health and Housing Acts were served.

Rent Act, 1957—Certificates of Disrepair. No application for a Certificate of Disrepair was received during the year.

No application for the cancellation of a certificate was received.

Improvement Grants. The House Purchase and Housing Act, 1959, which came into force in June, 1959, and introduced Standard Improvement Grants as an alternative to Discretionary Grants for the Improvement of houses. The number of grants made during the year was:—

| | | | | | |
|------------------------------------|-----|-----|-----|-----|-----|
| Discretionary Grants made | ... | ... | ... | ... | Nil |
| Number of tenanted houses involved | ... | ... | ... | ... | — |
| Standard Grants made | ... | ... | ... | ... | 155 |
| Number of tenanted houses involved | ... | ... | ... | ... | 67 |

Of the 155 Standard Grants made, 89 were for the full improvement (i.e. the provision of bath, wash-hand basin, hot water supply, w.c., and food store) and 44 were provided with all amenities with the exception of the food store which they already possessed. The remainder were for such amenities as they were lacking.

Overcrowding. Four families consisting of 36 persons were living in overcrowded conditions at the end of 1967.

Housing Statistics. Below are the particulars for 1967 set out in the form required by the Ministry of Housing and Local Government:

Number of dwelling-houses erected during the year:

| | | | | | | |
|-----|--------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|
| (a) | 1. By Local Authority | ... | ... | ... | ... | 37 |
| | 2. By other Local Authorities | ... | ... | ... | ... | Nil |
| | 3. By other bodies or persons | ... | ... | ... | ... | 290 |
| (b) | With State assistance under the Housing (Financial Provisions) Act, 1958 included in (a)): | | | | | |
| | 1. By Local Authority | ... | ... | ... | ... | 37 |
| | 2. By other Local Authorities | ... | ... | ... | ... | Nil |

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1. Inspection of dwelling-houses during the year : | |
| (1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) | 888 |
| (2) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | 34 |
| (3) Number of dwelling-houses found to be unfit for human habitation | 30 |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation | 10 |
| 2. Remedy of defects during the year without service of formal notices : | |
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers | 261 |
| 3. Action under Statutory Powers during the year : | |
| A.—Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957 : | |
| (1) Number of dwelling-houses in respect of which notices were served requiring repairs | Nil |
| (2) Number of dwelling-houses which were rendered fit after service of formal notices :— | |
| (a) By Owners | Nil |
| (b) By Local Authority in default of owners ... | Nil |
| B.—Proceedings under Public Health Acts : | |
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... | 10 |
| (2) Number of dwelling-houses in which defects were remedied after service of formal notices : | |
| (a) By Owners | 7 |
| (b) By Local Authority in default of owners ... | 2 |
| C.—Proceedings under Sections 16 and 23 of the Housing Act, 1957 : | |
| (1) Number of dwelling-houses in respect of which demolition orders were made | Nil |
| (2) Number of dwelling-houses demolished in pursuance of demolition orders | Nil |
| D.—Proceedings under Section 18 of the Housing Act, 1957 : | |
| (1) Number of separate tenements or underground rooms in respect of which closing orders were made ... | Nil |
| (2) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit ... | Nil |

E.—Proceedings under Section 15 of the Housing Act, 1961:

- | | | | |
|-----|--------------------------------------------------------------------------------------|--------|---|
| (1) | Number of separate dwelling-houses in multiple occupation requiring defects remedied | | 1 |
|-----|--------------------------------------------------------------------------------------|--------|---|

4. **Housing Act, 1957—Part IV.—Overcrowding :**

- | | | | | |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----|
| (1) | (a) | Number of dwellings overcrowded at 31st December, 1967 | | 3 |
| | (b) | Number of families dwelling therein | | 4 |
| | (c) | Number of persons dwelling therein | | 36 |
| (2) | | Number of new cases of overcrowding reported during the year | | Nil |
| (3) | (a) | Number of cases of overcrowding relieved during the year | | 2 |
| | (b) | Number of persons concerned in such cases | | 15 |
| (4) | | Particulars of any case in which dwelling-houses have again become overcrowded after the Local Authority has taken steps for the abatement of overcrowding | | Nil |

V. INSPECTION AND SUPERVISION OF FOOD

Food and Drugs Act, 1955:

Milk and Dairies (General Regulations), 1959:

Milk (Special Designations) Regulations, 1963:

| | |
|--------------------------------------------------------|----|
| Number of dairymen licensed to retail pasteurised milk | 55 |
| Number of dairymen licensed to retail untreated milk | 4 |
| Number of dairymen licensed to retail sterilised milk | 23 |

The following table gives the results of milk samples taken in accordance with section 89 of the Kettering Improvement Act, 1904, and the Milk (Special Designations) Regulations, 1949-1963:

| <i>Type of Milk</i> | <i>Test</i> | <i>Satis- factory</i> | <i>Unsatis- factory</i> | <i>Total</i> |
|---------------------|----------------|---------------------------|-----------------------------|--------------|
| Pasteurised | Methylene Blue | 53 | 4 | 57 |
| Pasteurised | Phosphatase | 53 | 2 | 55 |
| Untreated | Methylene Blue | 30 | — | 30 |
| Sterilised | Turbidity | 2 | — | 2 |

Twenty-six washed milk bottles were submitted for bacteriological examination. Twenty-five were reported to be satisfactory and one unsatisfactory. Ten churn rinses were bacteriologically examined. All were reported satisfactory.

Ice Cream. Thirty-five samples of ice cream were taken from five producers or retailers in accordance with the Food and Drugs Act, 1955. Twenty-four were reported to be grade 1 (Satisfactory), six grade 2 (Fairly satisfactory), and five grade 3 (Unsatisfactory).

Meat and Other Foods. The only slaughterhouse in use is the Public Abattoir.

As noted in the Annual Report for the year 1954, the practice has continued whereby a number of the butchers purchase their requirements from wholesalers outside the Borough, and a local wholesaler has animals slaughtered in the town for distribution over a large area outside the town.

The number of carcasses examined is shown below compared with those of the preceding four years.

| | 1967 | 1966 | 1965 | 1964 | 1963 |
|-----------------|--------|--------|--------|--------|--------|
| Cattle | 2,930 | 2,662 | 2,693 | 2,794 | 3,356 |
| Cows | 165 | 130 | 70 | 133 | 151 |
| Calves | 162 | 69 | 37 | 46 | 46 |
| Pigs | 8,415 | 8,204 | 7,930 | 6,771 | 6,886 |
| Sheep and Lambs | 6,939 | 7,478 | 5,156 | 4,326 | 6,154 |
| Total animals | 18,611 | 18,543 | 15,886 | 14,070 | 16,593 |

One hundred and eight visits were made to the slaughterhouse and 45 visits were made to Cattle and General Markets. Inspection of meat vehicles operating in the Borough was undertaken from time to time.

Thirteen slaughtermen were licensed in accordance with the requirements of the Slaughter of Animals Acts, 1933 and 1954. No contraventions of these acts were found.

Mr. E. W. Hudson, M.R.C.V.S., the local Veterinary Inspector for the Ministry of Agriculture, Fisheries and Food attends the Cattle Market each week to deal with any case coming within the purview of the Contagious Diseases (Animals) Acts, 1894-1935.

As a result of visits being made to the Abattoir it was found necessary to condemn 13 tons, 7 cwts., 3 qrs., 0 lbs. of meat and offals as being unfit for human consumption. Other food materials weighing 3 tons, 16 cwts., 3 qrs., 3 lbs., 12 ozs. were condemned as a result of visits to premises where food was stored, prepared or sold. Five hundred and sixty-two certificates were issued in respect of home killed meat and offals and in addition two hundred and forty-three certificates were issued in respect of unfit foods.

Cysticercus Bovis. Thirteen cases of cysticercus bovis were detected in the carcasses examined.

Disposal of Condemned Food. The arrangement made with members of the trade whereby all condemned carcase meat and offals is received by a fat and tallow merchant in Bedfordshire continues to function satisfactorily.

Other condemned foods continue to be burned in the incinerator at Northfield Depot or buried in the Council's refuse tip, all tins being punctured before burial.

VI. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Table 22, page 60 shows the age groups of the various infectious diseases notified during the year.

Scarlet Fever. Twenty-one cases of scarlet fever were notified. The attack rate for the Borough of Kettering was therefore 0.53 per 1,000 population. There were no deaths and none was admitted to hospital.

Pneumonia. Eight cases of primary or post-influenzal pneumonia were notified. The attack rate for Kettering was 0.20 per 1,000 population. Sixteen deaths were ascribed to pneumonia, the figures for the previous year being 24 cases notified and 10 deaths attributed to pneumonia (all forms).

Erysipelas. Two cases were notified.

Whooping Cough. Twenty cases of whooping cough were notified. The attack rate was 0.51 per 1,000 population. There were no deaths.

Measles. Six hundred and ninety-seven notifications of measles were received. The local attack rate was 17.75 per 1,000 population. There were no deaths.

Meningococcal Infection. One notification of meningococcal infection was received, from Kettering General Hospital. The patient was not a Kettering resident.

Typhoid Fever. No case was notified.

Paratyphoid Fever. No case was notified.

Dysentery. Two cases of Sonne dysentery were notified.

Acute Poliomyelitis. No case of acute poliomyelitis was notified.

Encephalitis. No case of infective encephalitis was notified.

Infectious Hepatitis. Five notifications of infectious hepatitis were received.

Puerperal Pyrexia. Two cases were notified during the year.

Cancer. The deaths from cancer show a decrease on last year, being 87 as compared with 103 in 1966 as shown in Table 23, page 61.

Food Poisoning. Of the six cases notified during the year two were sporadic cases of salmonella brandenburg which had no apparent connection and the remainder were due to salmonella typhimurium. One patient had recently returned from a holiday abroad and two were members of a family which had just returned from a camping holiday. The other one had no known connections with other cases.

Disinfecting and Cleansing Service. Twenty-one articles of clothing and bedding were disinfected. Thirty articles of bedding were destroyed at the request of the owners.

VII. TUBERCULOSIS

Nine cases of pulmonary tuberculosis and two cases of non-pulmonary tuberculosis were notified in 1967. In 1966 the figures were 3 and 4 respectively. The Registrar-General returns no deaths from pulmonary tuberculosis. In 1966 there was one death.

Of the nine cases of pulmonary tuberculosis notified, four were under 15 years of age, their ages being: male 14, females 8, 9, 12 years.

Table 24, on page 62, shows the age groups of the new cases.

There continues to be very little delay before notified cases are admitted to a chest hospital.

The Kettering Tuberculosis Care Committee which undertakes the care and aftercare of patients suffering from tuberculosis, also assists patients suffering from other diseases of the chest when requested to do so by the Chest Physician.

The very valuable help given to patients and their families usually consists of the provision of milk, but in special circumstances groceries, travelling expenses or other forms of help may be given. The assistance granted is governed by the availability of funds, all of which are raised from voluntary sources and whenever income shows the need to cut expenditure, grants to persons with "other diseases of the chest" are the first to be reduced, as the primary duty of the Committee is to assist tubercular patients.

Although tuberculosis is no longer the scourge it used to be, we cannot afford to be complacent about this condition.

Chest X-ray Service. No general X-ray survey was carried out in the Borough during the year, but the General Practitioners' Referral Service continued to operate, visiting the town every Thursday from 2 p.m. to 2.30 p.m. Special surveys of groups suspected to have been in contact with newly discovered cases were undertaken.

VIII. WELFARE

Welfare of the Aged. Mrs. E. J. Deutsch, the Hon. Secretary of the Kettering Old People's Welfare Association, has kindly supplied the following information regarding the activities of the Association during 1967.

"Our House to House Collection totalled £269 6s. 1d. and with this sum, and various donations, we were able to make a distribution of Coal to about 90 sick and needy old people. We have laid aside £100 towards the equipment at some future date, of a Centre where the elderly can obtain information and advice on their problems, and get a rest and light refreshments. There are now about 39 homes where we have supplied safe heating in the bedrooms, and a recent appeal in the local Press brought in £100 19s. 6d. for this Fund. Early in 1968 we shall distribute a small parcel each to approximately 1,500 people.

We have called a meeting of various organisations in the town in an endeavour to spread more evenly the distribution of help which these organisations give at Christmas time, and we hope that this scheme can be made to work for the future.

We continue to run the Chiropody Scheme for the County Council, which is much appreciated by the old age pensioners".

The Cytringan Day Club is reported by Mrs. W. I. Jackson to be still flourishing with membership of 115, plus 5 "Honorary Members", who are infirm or at St. Mary's Hospital.

"Although this is a large number for the type of building, I should like to point out that the members come and go as there are no set activities and they are rarely altogether (except for the Christmas tea) when we were very crowded.

In September I took a party of 45 to Bracklesham Bay (Pontin's Camp). We went by coach which we kept there and had two day outings. One to Salisbury and the other to Bournemouth. No casualties—and they all enjoyed a pleasant week. We went to Woodhouse Eaves on June 15th (all day) and to Dovedale and Matlock on July 17th. We have a staff of 18 helpers who work on a fortnightly basis and who are most reliable and helpful to the members.

I must add that we have a long 'waiting list' but only accept new people who have no other club or one only".

Mrs. B. Rockingham, the Secretary of the St. John's Over Sixty Club, reports as follows:

"The past year has once again proved most successful for the Club. We have added still more to our membership, although this hasn't shortened our list of would-be members.

During the past year we have attended most of the local shows, and the half price admission is appreciated by all.

We have had our three outings, two half days and one full day. These proved most successful.

As last year we had our Annual Party in January, when once again a turkey dinner was served. Each member had a gift of chocolates and a free ticket for the bumper raffle.

Our club funds are kept going by the generosity of members who bring gifts for our weekly raffles, and from time to time Bring-and-Buy sales.

Sick members receive get-well cards, and everyone has a card on their birthdays. Christmas cards were also sent.

Thus "St. John's" continues to be a very happy club".

Meals on Wheels Service. Mrs. N. G. Wootton, the Organiser of this very valuable service which is operated by the W.R.V.S., has kindly supplied the following report.

"Helpers of the Meals on Wheels Service have completed another twelve months' work, making a total of eight years since this service first started operating.

The number of meals delivered during the year has been 10,816 compared with 10,430 for 1966. The service has operated at about the same capacity as before, three days weekly on Mondays, Tuesdays and Thursdays. On an average 13 elderly people have received one meal weekly, 55 have received two and 35 three weekly meals. Approximately 220 meals are delivered in one week.

Meals have been prepared and cooked, as before, by the Staff of the Wicksteed Village Trust, and without exception helpings have been generous and the meals appetising and hot on delivery to the recipients.

Approximately one hundred and sixty helpers have taken part in delivering the meals, and have all continued to give their regular and reliable help throughout the year.

At Christmas the Wicksteed Trustees again gave all of the 98 old people who receive the service a free Christmas dinner, which was very greatly appreciated. In addition, each person received a small gift of sweets, provided by the helpers, and a Christmas decoration made by members of the Kettering and District Flower Arrangement Club.

The number of names on the waiting list for meals remains fairly long, and some people have to wait some months before they can be included. Very urgent cases, however, are taken on more quickly".

The St. Giles' Club for the Disabled. Mrs. M. E. Patrick, the Hon. Secretary of this Club which is organised by the British Red Cross Society, has reported as follows:—

“An average of 65 disabled people meet at the Corn Market Hall, Kettering, each Tuesday afternoon. Several are conveyed by the County Ambulance, specially designed with a hoist for the use of persons confined to wheel-chairs; some in cars by the kindness of private owners and the others by coach, which brings them from door to door. All are safely returned to their homes in the same manner.

Generally speaking, our friends enjoy talking to each other over the indispensable cup of tea. Added to the facilities of the Library Service, Savings Stamps and commodities at special prices, arrangements were made for 20 to enjoy a “Holiday for the Disabled” at Caister. Most of the other members went to Kissingland for a holiday arranged by the Northamptonshire County Welfare Department.

A competition each week, a Bring-and-Buy sale and a Harvest Sale raised money to help towards the cost of an outing to Springfields and Stapleford Park. An annual event is a visit to Wicksteed Park for tea and this year everyone enjoyed a theatre outing to see “The Sound of Music”. Kettering Pensioners Parliament Choir gave an entertaining afternoon and our Padre, Rev. J. Tearman, conducted a Thanksgiving Service and a Candlelight Carol Service.

We were honoured by the presence of Her Worship the Mayor of Kettering, Mrs. P. Newnes, Director of British Red Cross and Mr. R. Cullup of the County Welfare Office at a splendid Christmas Party.

The addition of Mrs. M. Thomson, as Chairman and Mr. A. E. Hornbuckle, as Treasurer and the weekly help by Barton Seagrave Women's Institute, has revitalized the hard working committee, and we look forward to happy times in 1968”.

Blind Welfare. Mr. C. H. James, Honorary Secretary of Kettering and District Amalgamated Clubs Committee for the Blind has reported that during 1967 his Committee made grants of £9 to local blind persons. Unfortunately, this was less than in previous years owing to a considerable drop in income. A grant was also made to Rushton School for the Blind and various social activities were arranged.

On 31st December, 1967, there were 160 persons on the register having 85% blindness certified by their doctors.

The work of this Committee is greatly appreciated by the beneficiaries.

Kettering and District British Diabetic Association. Mr. J. Grocock, the Hon. Secretary, reports as follows.

“We have had a very successful year and so far all the meetings have proved very interesting. The Christmas party was supported very well in that about 70 people attended and the children really enjoyed themselves. The Charity Concert given by the G.U.S. Band this year was in aid of our local branch and the money raised will go towards making the running of the branch easier and also to help pay towards research into diabetes.

At present we have about 140 diabetics on the mailing list; however, only approximately 40 attend the meetings each week. It is hoped that our membership will increase, and also that attendance at meetings will improve”.

Kettering Mothers' Club. “There was a slight drop in attendance during the year, but efforts are being made to encourage new members and contact previous members to re-join in 1968.

Numerous talks and demonstrations were enjoyed by members, including “Accidents in the Home”, “Marriage Guidance”, and a talk on “Religious Education”. On the lighter side were a Cookery Demonstration and Cheese Tasting and Lecture.

The members continue to take an interest in the leper boy in Nigeria, although I understand at the present time it is not possible to send money to that country.

The Club is represented on the Kettering LEPR Committee and the Association of Mental Health. Members also helped with the House to House collection for Dr. Barnardo's.

Several outings were arranged to Northampton Repertory Theatre and some members enjoyed a tour round the “Evening Telegraph” last summer, which proved very interesting. The Annual Dinner and Dance was held in November.

As the result of our efforts with competitions and Autumn Fayre, nearly £70 was donated to various charities.

As usual a number of parcels were sent to local old people at Harvest Festival and Christmas.

The children of members enjoyed a party in December, this being split in two groups, afternoon for under sevens and early evening for over sevens”.

Mrs. A. Brown, the Honorary Secretary, kindly supplied this report.

National Assistance Act, 1948—Section 50—Disposal of the Dead. No case was dealt with by the Authority during the year.

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT ON PUBLIC HEALTH AND FOOD INSPECTION FOR THE YEAR 1967

(a) **Staff**

For the first time for many years there was no change in the inspectorial staff of the Department.

In September Mr. N. P. Basford joined us as a Student Public Health Inspector and obtained a place on the Degree Course at Aston University.

In April I was elected Vice-Chairman of the East Midland Centre of the Association of Public Health Inspectors and re-elected as Honorary Secretary of the Northamptonshire Branch.

(b) **Housing**

(i) **CLEARANCE**

In 1967 14 houses were dealt with in 3 Clearance Areas. Three individual unfit houses were also represented.

In September lists of houses which it is anticipated will be dealt with by clearance during the years 1967-70 and 1971-75 were made public and copies circulated to all local estate agents and solicitors. When the lists were published in the local paper it was gratifying to find that the objections to having property included were outnumbered by the comments of appreciation at knowing the proposals. Forecasting in this way has its risks, and no doubt time will reveal odd errors, but this was a sincere effort to reveal future intentions and many more people are likely to benefit from the information than will suffer.

(ii) **REPAIRS**

Numerous inspections of houses were made following complaints from tenants. Where appropriate, informal notices were sent asking owners to do repairs, in the majority of cases the necessary work being carried out without delay.

A special effort was made to get repaired eavesgutters which allowed rainwater to discharge onto footpaths. Inspectors toured their districts in cars during periods of heavy rain noting such defects and returned later to ascertain ownership particulars. As a result 56 informal notices were sent requiring repairs to leaking eavesgutters.

(iii) **IMPROVEMENT AREAS**

The experience gained from the first three Improvement Areas enabled Improvement Area No. 4 containing 1,640 houses to be declared with confidence in June. This is believed to be the largest Improvement Area declared by any Local Authority and the staff have now reached such a stage of efficiency in this work that all except 99 of these houses had been inspected by the year

end, when the position in all the Improvement Areas was as follows:

(The figures for 31st December, 1966, are given in brackets).

Improvement Area No. 1—Declared 24th February, 1965

| | <i>Owner/Occ.</i> | <i>Tenanted</i> | <i>Total</i> |
|----------------------------------------------------|-------------------|-----------------|--------------|
| Already modernised when area was declared | 36 | 6 | 42 |
| Modernised since area was declared | 16 (11) | 9 (6) | 25 (17) |
| Modernisation desired but not yet completed | 2 (5) | 1 (7) | 3 (12) |
| Modernisation not desired ... | 17 (19) | 14 (11) | 31 (30) |
| | <hr/> 71 | <hr/> 30 | <hr/> 101 |

66% of the houses are now modernised.

Improvement Area No. 2—Declared 23rd June, 1965

| | <i>Owner/Occ.</i> | <i>Tenanted</i> | <i>Total</i> |
|----------------------------------------------------|-------------------|-----------------|--------------|
| Already modernised when area was declared | 160 | 16 | 176 |
| Modernised since area was declared | 39 (19) | 51 (14) | 90 (33) |
| Modernisation desired but not yet completed | 9 (15) | 16 (50) | 25 (65) |
| Modernisation not desired ... | 99 (108) | 51 (61) | 150 (169) |
| Empty houses | | | 1 (2) |
| | <hr/> 307 | <hr/> 134 | <hr/> 442 |

60% of the houses are now modernised.

Improvement Area No. 3—Declared 23rd November, 1966

| | <i>Owner/Occ.</i> | <i>Tenanted</i> | <i>Total</i> |
|----------------------------------------------------|-------------------|-----------------|--------------|
| Already modernised when area was declared | 409 | 40 | 449 |
| Modernised since area was declared | 10 | 17 | 27 |
| Modernisation desired but not yet completed | 25 (29) | 49 (37) | 74 (66) |
| Modernisation not desired ... | 152 | 55 | 207 |
| | <hr/> 596 | <hr/> 161 | <hr/> 757 |

63% of the houses are now modernised.

Improvement Area No. 4—Declared 28th June, 1967

| | <i>Owner/Occ.</i> | <i>Tenanted</i> | <i>Total</i> |
|----------------------------------------------------|-------------------|-----------------|------------------|
| Already modernised when area was declared | 883 | 150 | 1033 |
| Modernised since area was declared | 7 | 3 | 10 |
| Modernisation desired but not yet completed | 54 | 71 | 125 |
| Modernisation not desired ... | 269 | 104 | 373 |
| Not inspected by 31.12.67 ... | | | 99 |
| | <hr/> 1213 <hr/> | <hr/> 328 <hr/> | <hr/> 1640 <hr/> |

68% of the houses inspected are now modernised.

Many interesting facts emerge from these figures.

71% of the owner occupied houses have been modernised.

45% of the tenanted houses have been modernised.

Of the tenants living in unimproved houses, 49% have requested improvements and 51% have declined.

No persuasion at all has been used on tenants and the co-operation of landlords has been forthcoming in all but a few isolated cases.

Before the introduction of improvement areas few landlords were modernising their properties, but 80 tenanted houses have since been provided with modern amenities and a further 137 are under negotiation.

Improvement Area No. 4 is believed to be the largest ever declared by any Local Authority, nevertheless no major difficulties have been found.

One interesting effect of this activity is disclosed in the fall in the number of attendances at the public slipper baths which are situated in an Improvement Area—13,022 during 1967, compared with 14,983 during 1966.

Improvement area work is very satisfying and has proved to be a successful effort in public relations at all levels. Owners and tenants have been informed of the procedure by letter at a very early date and whilst interviewing has taken up considerable time, it has resulted in smooth progress in spite of the complicated procedure required by the legislation. All departments of the local authority have their part to play, as also have the estate agents, building contractors, property owners and tenants. Kettering has shown itself eager to benefit, and it is now possible to look forward to a time when all tenants of houses not included in the clearance programme will only be without modern amenities in their houses if they want it that way.

(iv) IMPROVEMENT GRANTS

The supervision for a period of three years of all properties which have been modernised with the aid of a grant continued. One hundred and fifty-four forms were sent to owners for them to sign a declaration that conditions were being complied with and 145 of these were returned. Public Health Inspectors paid visits to 112 premises during the year.

(c) **Air Pollution**

It is surprising to be able to record a further substantial drop in the atmospheric pollution figures, Table 25, page 63, these show that in 1967 there was less than half the smoke in Kettering that there was in 1964. The amount of sulphur dioxide over the same period has been reduced by a third.

Whilst Public Health Inspectors have appeared frowning in the boilerhouse of every factory with a smoking chimney, this dramatic improvement in the cleanliness of the air over Kettering is mainly due to the private choice of easier and cleaner methods of domestic heating by large numbers of householders.

(d) **Meat Inspection**

All 18,611 animals slaughtered at the Public Abattoir were inspected and over 13 tons of meat and offal found to be unfit for human consumption. (See Table 21, page 59).

A Nigerian Government Official, Mr. Essian, spent two months at the Abattoir receiving tuition in meat inspection from Mr. Smith after which he successfully passed his examination.

At the request of the Ministry of Agriculture, Fisheries and Foods four parties of Divisional Veterinary Inspectors were shown round the abattoir, this being included as part of a course organised by the Ministry for their Inspectors. A talk on abattoir hygiene was given by me to each party.

One surprise during the year came when a mixed party of French students staying in Kettering, included the abattoir in the local visits they would like to make. A letter explaining the processes was prepared in French and the visit, which took place whilst slaughtering was in progress, was a success, no member of the party being in any way upset.

(e) **Food Hygiene**

During the year minor problems arose due to unsatisfactory standards of hygiene at several premises where the proprietors were ill. Once conditions deteriorate so as to be a health hazard, action has to be taken regardless of the effect on a business which is going through a difficult time, but there is a human side to these problems and every effort was made to deal sympathetically with them.

The Food Hygiene (Markets, Stalls & Delivery Vehicles)

Regulations, 1966, came into force on 1st January, 1967, and required many changes in the local general market. After meetings with the traders the Council agreed to provide a trailer for hand washing. This trailer which contains wash hand basins with hot and cold water, is stationed in the market every market day and is connected up to electricity and drainage services. All the traders have been provided with a key but the washing of hands is not high on the priorities of some of them. The Council also provided a wash hand unit for the fish stalls. By the end of the year the protection of open food was satisfactory, but the wearing of clean washable overclothing, the storage of open food about the stalls, the storage of refuse and even the display of name boards still gave rise to criticism.

The standards maintained at most food premises were high and the 1,172 visits made to the 350 premises revealed 230 matters requiring attention.

Regular inspections were made of the kitchens at the local hospitals, which continued to maintain a high standard.

Samples of food for routine bacteriological examination were sent to the Public Health Laboratory at Northampton as follows:

| | | | | | |
|-----------------------|-----|-----|-----|-----|----|
| Ice Cream | ... | ... | ... | ... | 35 |
| Beef Steak Pies | ... | ... | ... | ... | 3 |
| Frozen Pork Sausages | ... | ... | ... | ... | 3 |
| Frozen Beef Sausages | ... | ... | ... | ... | 2 |
| Beefburgers | ... | ... | ... | ... | 2 |
| Treacle Toffee | ... | ... | ... | ... | 1 |
| Faggots | ... | ... | ... | ... | 3 |
| Frying Steaks | ... | ... | ... | ... | 1 |
| Various Meat Products | ... | ... | ... | ... | 8 |

All were reported as being satisfactory with the exception of 5 samples of ice cream. Proper cleansing of equipment would have prevented these failures.

Ninety-one samples of milk, 26 washed milk bottles and 10 churn rinses were sent for bacteriological examination with results as summarised in Part V, page 24. Although all 30 'Untreated' samples of milk were satisfactory the sale of such milk requires constant supervision.

Valid excuses for any sample of pasteurised milk failing the Methylene Blue test are difficult to find. Four such samples failed the test and legal proceedings were successfully taken against one retailer after an official warning had not proved effective.

Members of the public brought several items of unsound food to the department. All were investigated and the following 8

reported to the Public Health Committee with results as shown:

- | | |
|---------------------------------------------------------------|-------------------------------------------------------|
| 1. Minced Beef smelling offensively | Retailer prosecuted—£20 fine. |
| 2. Storage for sale of meat unfit for human consumption | Retailer prosecuted—£20 fine. Appeal unsuccessful. |
| 3. Fruit cake affected with mould | Warning letter to firm concerned. |
| 4. Bottle of milk containing peach stone | Warning letter to dairy. |
| 5. Packet of jam tarts containing moth | Warning letter to firm concerned. |
| 6. Chocolate cake affected with mould | Warning letter to firm concerned. |
| 7. Tin of milk containing bristle | Warning letter to firm who pro- cessed milk. |
| 8. Chocolate cakes sour and affected with mould | Strong warning letter to retailer. |

(f) Water Supplies

The 3 samples of water taken from the town's mains were all reported by the bacteriologist as being "Very Satisfactory".

(g) Swimming Baths

Seventeen bacteriological samples were taken from the 6 swimming and paddling pools in the town. Fourteen were reported as being "Very Satisfactory"; 1 as "Satisfactory" and 2 as "Unsatisfactory". The unsatisfactory samples were from private pools and advice was given to the owners.

(h) Pest Control

Three hundred and eight complaints were received and investigated regarding rats and mice. The claim that the sewerage system was free of rats was thoroughly tested in accordance with suggestions made by officials of the Ministry of Agriculture, Fisheries and Food. One small infestation was found and cleared with the use of fluorocetamide. This poison has proved extremely effective in sewer treatments. Warfarin continued to be the other poison used and no difficulty was experienced in controlling the surface infestation which occurred.

Contracts to a total of £144.15s.0d. were entered into with local firms to keep their premises free from rats, mice and insects.

During the Spring complaints regarding deposits from pigeons in the town centre increased and when normal methods

of control were not successful authority was given by the Council to use air rifles. Reports of this decision in the local and national Press provoked widespread interest which ranged from a request for a T.V. camera team to be allowed to go on a shoot, to a letter from the National Organiser of the United Societies for the Welfare of All Living Creatures. Much helpful advice was also received as a result of which pigeons began to be caught. By the end of the year, without any objection from residents, 147 pigeons had been caught in the town centre, 23 in a large cage trap and 124 by hand. The owners of the 25 ringed birds upon being notified, paid for the cost of their return. These birds came from all parts of the country and one was from Belgium. Another flew back and was caught again after having been returned to its owner. The necks of the unringed birds were wrung. Some of these birds were in very good condition and where possible they were sold locally for human consumption, the proceeds being passed to the Borough Treasurer.

The success of these activities was aided by the enthusiasm of our Student Public Health Inspector, Mr. Basford. Whilst birds can be caught in this way during the winter when their food is short, it is felt that any Summer activity will have to be by shooting.

(i) Drains and Sewers

One hundred and sixty-seven drains were cleared by the department during 1967, no charge being made for this service.

(j) Noise Abatement

Eight complaints of noise were received during the year, 2 were not considered to be justified and the other 6 (2 industrial; 1 commercial; and 3 domestic) were remedied after informal action.

Noise complaints are very difficult to assess as different people do not re-act in the same way and great distress can sometimes be caused by a persistent noise which is not loud.

(k) Health Education

The collection of colour slides being built up in the Department now covers most aspects of the work. As all the slides are local, great care has been taken, so that any unsatisfactory conditions depicted cannot be identified. The slides were shown to 5 different groups during the year and served to illustrate the talks given by Messrs. Hodgins and Wilson and myself.

The local Grammar School organised a one day Careers Convention at which the Department was represented. Several enquiries regarding the profession of Public Health Inspector

resulted, and all scholars showing genuine interest were given the opportunity of spending two days in the Department accompanying Inspectors on their visits. It is to be hoped that sufficient vacancies will be available for those wishing to become student inspectors.

(l) Prosecutions

The following cases were taken with the results as shown:—

| | | |
|-------------------------------------------------------------|----------|--------------------------------------------------------------------|
| Sale of mouldy Swiss Roll (Offence committed during 1966) | £15 fine | £5.5s.0d. Advocate's Fee |
| Sale of milk not satisfying prescribed bacteriological test | £2 fine | £3.3s.0d. Advocate's Fee |
| Sale of meat not of quality demanded | £20 fine | £5.13s.0d. Witnesses' Expenses |
| Storage for sale of meat unfit for human consumption | £20 fine | £5.5s.0d. Advocate's Fee (Appeal to Quarter Sessions dismissed) |

(m) Filthy and Verminous Premises

After several years during which no bugs were found these objectionable insects appeared in 3 houses, one of which was quite clean. No difficulty was experienced in exterminating them.

The depressing task of cajolling or otherwise persuading a few individuals to clean up their houses continued.

(n) Conclusion

During 1967 an unchanged staff was able to bring all routine work up to date and considerable progress was then made in the work connected with Improvement Areas.

I again wish to express appreciation of the interest and support given by the Chairman and Members of the Public Health Committee and of the co-operation of Dr. Farquhar and the other Chief Officers. All the Public Health Inspectors worked well and maintained the good relations of the Department with the general public and other Departments and Organisations in the town.

G. WALSHAW,

Chief Public Health Inspector.

X. STATISTICAL TABLES

Table 1
Vital Statistics for the years 1958 to 1967

| Year | Estimated Population (Mid-year) | LIVE BIRTHS | | | DEATHS | | | | |
|------|---------------------------------------|-------------|-------|----------|--------------|----------------------------------------|----------|-------|----------|
| | | No. | Rate | | Under 1 year | | All ages | | |
| | | | Crude | Adjusted | No. | Rate per 1,000 Live Births | No. | Rate | |
| | | | | | | | | Crude | Adjusted |
| 1958 | 37,430 | 509 | 13.6 | 14.55 | 7 | 13.75 | 479 | 12.8 | 12.29 |
| 1959 | 37,570 | 532 | 14.16 | 15.15 | 10 | 18.80 | 457 | 12.16 | 10.82 |
| 1960 | 38,030 | 614 | 16.15 | 17.28 | 12 | 19.54 | 473 | 12.44 | 11.2 |
| 1961 | 38,570 | 619 | 16.05 | 17.17 | 10 | 16.16 | 478 | 12.39 | 11.4 |
| 1962 | 38,650 | 653 | 16.9 | 18.07 | 7 | 10.72 | 457 | 11.85 | 11.03 |
| 1963 | 38,780 | 671 | 17.3 | 19.03 | 12 | 17.88 | 499 | 12.84 | 11.04 |
| 1964 | 38,840 | 704 | 18.1 | 19.93 | 16 | 22.72 | 530 | 13.65 | 11.74 |
| 1965 | 39,040 | 660 | 16.9 | 18.59 | 10 | 15.15 | 477 | 12.22 | 10.26 |
| 1966 | 39,100 | 680 | 17.4 | 19.13 | 6 | 8.82 | 484 | 12.38 | 10.4 |
| 1967 | 39,270 | 659 | 16.8 | 18.48 | 11 | 16.69 | 458 | 11.66 | 9.9 |

Table 2
England and Wales and the Borough of Kettering, 1958-1967
Birth Rates

| | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| England and Wales | 16.4 | 16.5 | 17.1 | 17.4 | 18.0 | 18.2 | 18.4 | 18.1 | 17.7 | 17.2 |
| Kettering | 14.55 | 15.15 | 17.28 | 17.17 | 18.07 | 19.03 | 19.93 | 18.59 | 19.13 | 18.48 |

Table 3
England and Wales and the Borough of Kettering, 1958-1967
Death Rates

| | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 |
|-------------------|-------|-------|------|------|-------|-------|-------|-------|------|------|
| England and Wales | 11.7 | 11.6 | 11.5 | 12.0 | 11.9 | 12.2 | 11.3 | 11.5 | 11.7 | 11.2 |
| Kettering | 12.29 | 10.82 | 11.2 | 11.4 | 11.03 | 11.04 | 11.74 | 10.26 | 10.4 | 9.9 |

Table 4**England and Wales and the Borough of Kettering, 1958-1967****Maternal Mortality**

(Per 1,000 total (live and still) births)

| | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 |
|-------------------|------|------|------|------|------|------|------|------|------|------|
| England and Wales | 0.43 | 0.38 | 0.39 | 0.33 | 0.35 | 0.28 | 0.25 | 0.25 | 0.26 | 0.20 |
| Kettering | 1.9 | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

Table 5**England and Wales and the Borough of Kettering, 1958-1967****Infant Mortality**

| | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| England and Wales | 16.2 | 22.0 | 21.9 | 21.6 | 20.7 | 20.9 | 20.0 | 19.0 | 19.0 | 18.3 |
| Kettering | 13.75 | 18.80 | 19.54 | 16.16 | 10.72 | 17.88 | 22.72 | 15.15 | 8.82 | 16.69 |

Table 6—Causes of Death at Different Periods of Life

| Cause of Death | Sex | Total | Under 4 weeks | | Age in Years | | | | | | | | | | 75 and over |
|---------------------------------------------|-----|-------|---------------|---------------|--------------|----|-----|-----|-----|-----|-----|-----|------------------|---|-------------|
| | | | All Ages | Under 4 weeks | 1— | 5— | 15— | 25— | 35— | 45— | 55— | 65— | | | |
| | | | | | | | | | | | | | and under 1 year | | |
| 10. Malignant Neoplasm, Stomach | M | 3 | — | — | — | — | — | — | — | — | — | — | — | — | 2 |
| | F | 4 | — | — | — | — | — | — | — | — | — | — | — | — | 4 |
| 11. Malignant Neoplasm, Lung, Bronchus | M | 16 | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| | F | 4 | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| 12. Malignant Neoplasm, Breast | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | F | 10 | — | — | — | — | — | — | — | — | — | — | — | — | 3 |
| 13. Malignant Neoplasm, Uterus | F | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14. Other Malignant and Lymphatic Neoplasms | M | 25 | — | — | — | — | — | — | — | — | — | — | — | — | 8 |
| | F | 20 | — | — | — | — | — | — | — | — | — | — | — | — | 7 |
| 15. Leukaemia, Aleukaemia | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | F | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16. Diabetes | M | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | F | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17. Vascular Lesions of Nervous System | M | 26 | — | — | — | — | — | — | — | — | — | — | — | — | 3 |
| | F | 40 | — | — | — | — | — | — | — | — | — | — | — | — | 14 |
| 18. Coronary Disease, Angina | M | 74 | — | — | — | — | — | — | — | — | — | — | — | — | 26 |
| | F | 34 | — | — | — | — | — | — | — | — | — | — | — | — | 20 |
| 19. Hypertension with Heart Disease | M | 5 | — | — | — | — | — | — | — | — | — | — | — | — | 24 |
| | F | 5 | — | — | — | — | — | — | — | — | — | — | — | — | 3 |
| 20. Other Heart Disease | M | 13 | — | — | — | — | — | — | — | — | — | — | — | — | 4 |
| | F | 22 | — | — | — | — | — | — | — | — | — | — | — | — | 8 |
| 21. Other Circulatory Disease | M | 13 | — | — | — | — | — | — | — | — | — | — | — | — | 14 |
| | F | 14 | — | — | — | — | — | — | — | — | — | — | — | — | 7 |

Table 6—Causes of Death at Different Periods of Life—continued

| Cause of Death | Sex | Total All Ages | Under 4 weeks | 4 weeks and under 1 year | Age in Years | | | | | | | | | | | 75 and over |
|--------------------------------------------|-----|-------------------|------------------|--------------------------------|--------------|----|-----|-----|-----|-----|-----|-----|----|----|-----|----------------|
| | | | | | 1— | 5— | 15— | 25— | 35— | 45— | 55— | 65— | | | | |
| | | | | | | | | | | | | | | | | |
| 22. Influenza ... | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | F | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 | — | |
| 23. Pneumonia ... | M | 3 | — | — | — | — | — | — | — | — | 1 | — | — | — | 2 | |
| | F | 13 | — | — | — | — | — | — | — | — | — | — | — | 2 | 11 | |
| 24. Bronchitis ... | M | 15 | — | — | — | — | — | — | — | — | 1 | 2 | 9 | 3 | 3 | |
| | F | 4 | — | — | — | — | — | — | — | — | — | — | 1 | 1 | — | |
| 25. Other Diseases of Respiratory System | M | 3 | — | 1 | — | — | — | — | — | — | — | 1 | — | — | — | |
| | F | 2 | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 | |
| 26. Ulcer of Stomach and Duodenum ... | M | 1 | — | — | — | — | — | — | — | — | — | 1 | — | — | — | |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 27. Gastritis, Enteritis and Diarrhoea ... | M | 1 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 28. Nephritis and Nephrosis ... | M | 1 | — | — | — | — | — | — | — | — | 1 | — | — | — | — | |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 31. Congenital Malformations ... | M | 3 | — | — | — | — | — | — | — | — | — | — | — | 2 | — | |
| | F | 2 | 1 | 1 | — | — | 1 | — | — | — | — | — | — | — | — | |
| 32. Other Defined and Ill-defined Diseases | M | 21 | 4 | — | — | — | — | 2 | — | — | — | 1 | 8 | 2 | 6 | |
| | F | 21 | 3 | 1 | — | — | — | 1 | — | — | — | 2 | 2 | 11 | — | |
| 33. Motor Vehicle Accidents ... | M | 2 | — | — | — | 1 | — | — | — | — | — | 1 | — | — | — | |
| | F | 4 | — | — | — | — | — | — | 1 | — | — | — | — | — | 3 | |
| 34. All Other Accidents ... | M | 5 | — | — | — | 1 | — | — | — | — | — | 2 | 1 | 3 | 1 | |
| | F | 13 | — | — | — | — | — | — | — | — | — | — | — | — | 10 | |
| 35. Suicide ... | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | F | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 | — | |
| 36. Homicide and Operations of War ... | M | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — | — | |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Total All Causes ... | M | 232 | 4 | 1 | 5 | 3 | 2 | 4 | 16 | 35 | 86 | 76 | 31 | 49 | 132 | |
| | F | 226 | 4 | 2 | — | — | 1 | 5 | 2 | — | — | — | — | — | — | |

Table 7
Infant Mortality, 1967—Causes of Death

| <i>Cause</i> | | | | <i>Number of Deaths</i> |
|-------------------------------|-----|-----|-----|-------------------------|
| Congenital Abnormalities | ... | ... | ... | 1 |
| Milk Allergy Syndrome | ... | ... | ... | 1 |
| Cerebral Haemorrhage | ... | ... | ... | 1 |
| Neonatal Hepatitis | ... | ... | ... | 1 |
| Prematurity | ... | ... | ... | 4 |
| Hydrocephalus | ... | ... | ... | 1 |
| Respiratory Distress Syndrome | ... | ... | ... | 1 |
| Acute Pharyngo-Laryngitis | ... | ... | ... | 1 |
| | | | | 11 |

Table 8
Stillbirths, 1967—Certified Causes

| <i>Sex</i> | <i>Cause</i> | |
|------------|--------------|-------------------------------------------------------------------|
| M | 1(a) | Placental Insufficiency. |
| F | 1(a) | Unknown. |
| M | 1(a) | Intra Uterine Asphyxia (b) Accidental Haemorrhage (c) P. E. T. |
| M | 1(a) | Eclampsia. |
| M | 1(a) | Hydrocephalus. |
| M | 1(a) | Asphyxia—Cord around neck (b) Post Maturity. |
| F | 1(a) | Unknown. |
| M | 1(a) | Concealed Ante-Partum Haemorrhage (b) P. E. T. |
| M | 1(a) | Ante-Partum Haemorrhage. |
| F | 1(a) | Intra-uterine Death (b) Aetiology Unknown. |
| M | 1(a) | Intra-uterine Death. |
| M | 1(a) | Foetal Asphyxia (b) Placental insufficiency. |
| II | | Prematurity. Breech presentation. |

Table 9

Summary of Routine Work of the Public Health Inspectors

| <i>Nature of Visits, Inspections, Etc.</i> | | | | | | | <i>Number of Visits, etc.</i> |
|------------------------------------------------------|-----|-----|-----|-----|-----|-----|-------------------------------|
| House Inspection | | | | | | | |
| Overcrowding | ... | ... | ... | ... | ... | ... | 4 |
| Section 9 | ... | ... | ... | ... | ... | ... | 9 |
| Section 16 | ... | ... | ... | ... | ... | ... | 33 |
| Section 42 | ... | ... | ... | ... | ... | ... | 210 |
| Public Health Act | ... | ... | ... | ... | ... | ... | 754 |
| Disrepair Certificates | ... | ... | ... | ... | ... | ... | 2 |
| Improvement Grants | ... | ... | ... | ... | ... | ... | 112 |
| Houses let in lodgings | ... | ... | ... | ... | ... | ... | 52 |
| Improvement Areas | ... | ... | .. | ... | ... | ... | 2122 |
| Clean Air Act | | | | | | | |
| Houses | ... | ... | ... | ... | ... | ... | 24 |
| Commercial Premises | ... | ... | ... | ... | ... | ... | 24 |
| Factories—visits | ... | ... | ... | ... | ... | ... | 39 |
| Smoke Observations | ... | ... | ... | ... | ... | ... | 24 |
| Infectious Disease Investigations | | | | | | | 26 |
| Noise Abatement Inspections | | | | | | | 51 |
| General Sanitation | | | | | | | |
| Accumulations of refuse | ... | ... | ... | ... | ... | ... | 85 |
| Keeping of Animals | ... | ... | ... | ... | ... | ... | 57 |
| Ashbins | ... | ... | ... | ... | ... | ... | 12 |
| Drains: Inspections (i) Old | ... | ... | ... | ... | ... | ... | 210 |
| (ii) New | ... | ... | ... | ... | ... | ... | 2 |
| Smoke Tests | ... | ... | ... | ... | ... | ... | 10 |
| Colour Tests | ... | ... | ... | ... | ... | ... | 17 |
| Entertainment, Places of | ... | ... | ... | ... | ... | ... | 9 |
| Factories with mechanical power | ... | ... | ... | ... | ... | ... | 159 |
| Factories without mechanical power | ... | ... | ... | ... | ... | ... | — |
| Factories—other | ... | ... | ... | ... | ... | ... | 3 |
| Pests Act—Rodents | ... | ... | ... | ... | ... | ... | 381 |
| Insects | ... | ... | ... | ... | ... | ... | 246 |
| Pet Animals Act | ... | ... | ... | ... | ... | ... | 6 |
| Sewers, W.C.'s, drains etc., obstructed | ... | ... | ... | ... | ... | ... | 167 |
| Tents, vans and sheds | ... | ... | ... | ... | ... | ... | 36 |
| Miscellaneous nuisances, etc. | ... | ... | ... | ... | ... | ... | 1379 |
| Interviews with owners, agents, builders and tenants | ... | ... | ... | ... | ... | ... | 245 |

Table 9—continued

| <i>Nature of Visits, Inspections, etc.</i> | | | | | | | <i>Number of Visits, etc.</i> |
|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-------------------------------|
| Meat and Food Inspection and Food Hygiene | | | | | | | |
| Visits to: | | | | | | | |
| Bakehouses | ... | ... | ... | ... | ... | ... | 58 |
| Butchers | ... | ... | ... | ... | ... | ... | 113 |
| Dairies, etc. | ... | ... | ... | ... | ... | ... | 10 |
| Fish-shops | ... | ... | ... | ... | ... | ... | 34 |
| Food Shops | ... | ... | ... | ... | ... | ... | 339 |
| Ice-Cream Premises | ... | ... | ... | ... | ... | ... | 7 |
| Licensed Premises | ... | ... | ... | ... | ... | ... | 143 |
| Markets | ... | ... | ... | ... | ... | ... | 73 |
| Restaurants, Cafés, etc. | ... | ... | ... | ... | ... | ... | 100 |
| Slaughterhouses | ... | ... | ... | ... | ... | ... | 101 |
| Vehicles | ... | ... | ... | ... | ... | ... | 92 |
| Miscellaneous visits for food inspection | ... | ... | ... | ... | ... | ... | 102 |
| Sampling | | | | | | | |
| Bacteriological | ... | ... | ... | ... | ... | ... | 22 |
| Ice Cream | ... | ... | ... | ... | ... | ... | 33 |
| Milk | ... | ... | ... | ... | ... | ... | 70 |
| Water—from Mains supply | ... | ... | ... | ... | ... | ... | 3 |
| from swimming baths and pools | ... | ... | ... | ... | ... | ... | 10 |
| TOTAL NUMBER OF VISITS AND INSPECTIONS | | | | | | | 7,820 |
| Notices served | | | | | | | |
| Informal notices: | | | | | | | |
| Preliminary notices served | ... | ... | ... | ... | ... | ... | 356 |
| Verbal notices given | ... | ... | ... | ... | ... | ... | 73 |
| Cautionary letters sent | ... | ... | ... | ... | ... | ... | 61 |
| Statutory notices: | | | | | | | |
| Public Health Act, 1936, Section 39 | ... | ... | ... | ... | ... | ... | 4 |
| Section 45 | ... | ... | ... | ... | ... | ... | 1 |
| Section 75 | ... | ... | ... | ... | ... | ... | 1 |
| Section 93 | ... | ... | ... | ... | ... | ... | 4 |
| Housing Act, 1961—Section 15 | ... | ... | ... | ... | ... | ... | 1 |

Table 10

Rodent Control
Sewer Maintenance Treatment

One Treatment:

| | |
|-------------------------------------------------|----|
| Number of manholes test baited | 30 |
| Number of manholes showing complete take | 1 |

Table 11

Rodent Control
Work of Rodent Operator
(excluding Sewer Maintenance Treatment)

| | |
|--------------------------------------------|------|
| Number of visits by Rodent Operator | 1719 |
| Number of visits re mice | 93 |
| Number of wasps' nests destroyed | 79 |

Table 12

Factories Acts, 1937 and 1948

1. Inspections (including inspections made by the Public Health Inspectors):

| Premises | Number on Register | Number of | | |
|----------------------------------------------------------------------------------------------------------------|--------------------|-------------|-----------------|----------------------|
| | | Inspections | Written Notices | Occupiers Prosecuted |
| (1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities | 9 | — | — | — |
| (2) Factories not included in (1) in which Section 7 is enforced by the Local Authority ... | 244 | 159 | 13 * | — |
| (3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... | 16 | 3 | 1 * | — |
| TOTAL | 269 | 162 | 14 * | Nil |

* Informal.

2. Cases in which Defects were found :

| Particulars | Number of cases in which defects were found | | | | Number of cases in which prosecutions were instituted |
|-----------------------------------------------------------------------------------|---------------------------------------------|----------|-------------------|-------------------|-------------------------------------------------------|
| | Found | Remedied | Referred | | |
| | | | To H.M. Inspector | By H.M. Inspector | |
| Want of cleanliness ... | 6 | 10 | — | — | — |
| Overcrowding | — | — | — | — | — |
| Unreasonable temperature | — | — | — | — | — |
| Inadequate ventilation ... | 5 | 11 | — | — | — |
| Ineffective drainage of floors | — | — | — | — | — |
| Sanitary Conveniences: | | | | | |
| (a) insufficient | 2 | — | — | — | — |
| (b) unsuitable or defective | 14 | 9 | — | — | — |
| (c) not separate for sexes | — | — | — | — | — |
| Other offences against the Act not including offences relating to Out-work | 1 | 32 | — | — | — |
| TOTAL | 28 | 62 | Nil | Nil | Nil |

Table 12—continued

3. Outwork (Sections 110 and 111):

| Nature of Work | Section 110 | | | Section 111 | | |
|-------------------------------|----------------------------------|-----------------------------------|------------------------------------------|-------------------------------------------|----------------|--------------|
| | No. of outworkers in August list | Cases of default in sending lists | Prosecutions for failure to supply lists | Instances of work in unwholesome premises | Notices Served | Prosecutions |
| Making etc. of apparel | 77 | — | — | — | — | — |
| TOTALS ... | 77 | — | — | — | — | — |

Table 13

Housing Act, 1936

Undertakings not to relet for human habitation received prior to 1957

| Address | Date of Undertaking | Position at the 31st December, 1967 |
|---------------------------------------|---------------------|-------------------------------------|
| 32 Meadow Road | 21. 2. 54 | Being used as store |
| 39 High Street (1st & 2nd floors) ... | 18. 9. 50 | Being used for business |

Table 14

Housing Act, 1936, Section 12

Closing Order

| Address | Date of Order | Remarks |
|----------------------------------------------------------------------------------------|---------------|----------------------------------|
| 76a High Street, being the first and second floors of 72, 74 and 76 High Street | 25. 3. 54 | Being used for business purposes |

Table 15

Housing Acts, 1936-1957

Houses represented prior to 1967

Subsequent action and condition at end of 1967

| | Date Represented | Clearance Area Declared | C.O., C.P.O., etc. | Remarks |
|----------------------------------------------------------------------------------------------------|---------------------|-------------------------------|--------------------------------------------|----------------------------------------------------------------------------|
| Clearance Area No. 18 27 West Street 28 West Street | 12.3.57 | 24.4.57 | Purchased by Agreement | Awaiting demolition |
| Clearance Area No. 31 23-46 Wadcroft (14 houses) | 10.2.59 | 25.3.59 | Purchased by Agreement | 41-46 (6 houses) Demolished 1961 23-32 (8 houses) Demolished 1967 |
| Clearance Area No. 45 29-41 Thorngate Street (7 houses) | 8.11.60 | 21.12.60 | Purchased by negotiation | 29 & 31 Demolished 1967 33-41 demolished 1966 |
| Clearance Area No. 47 24 St. Andrew's Street 2 & 3 Newland Passage | 7.3.61 | 26.4.61 | C.O. | Demolished 1967 |
| Clearance Area No. 49 13-23 Green Lane (6 houses) | 13.6.61 | 26.7.61 | Purchased 13 - 21 (No. 23 C.P.O.) | 13-21 demolished 1966 23 awaiting demolition |
| Clearance Area No. 51 48-72 Queen Street (13 houses) | 10.10.61 | 22.11.61 | Purchased (48 & 68 C.P.O.) | No. 48 awaiting demolition 50-72 demolished 1965 |
| Clearance Area No. 52 44-50, 52a & 54a Alfred St., 1-4 Railway Terrace (10 houses) | 9.1.62 | 28.2.62 | Purchased (No. 50 C.P.O.) | No. 50 Demolished 1967 Remainder demolished 1966 |

Table 15—continued

| | Date Represented | Clearance Area Declared | C.O., C.P.O., etc. | Remarks |
|-------------------------------------------------------------------------------------------|---------------------|-------------------------------|------------------------------|-----------------------------------------------------------------------|
| Clearance Area No. 56 25-29 Albert Street (3 houses) | 9.10.62 | 28.11.62 | C.P.O. | Awaiting demolition |
| Clearance Area No. 57 34-42 Buccleuch Street (5 houses) | 13.11.62 | 19.12.62 | Purchased | Awaiting demolition |
| Clearance Area No. 58 16 & 18 Alfred Street | 12.2.63 | 27.2.63 | Purchased | Awaiting demolition |
| Clearance Area No. 59 2-6 Albert Street (3 houses) | 8.10.63 | 27.11.63 | C.P.O. | Demolished 1967 |
| Clearance Area No. 60 68-100 Albert Street (17 houses) | 11.2.64 | 23.3.64 | C.P.O. | Demolished 1967 |
| Clearance Area No. 62 19-41 Alexandra Street (12 houses) | 10.6.65 | 23.6.65 | C.P.O. | Nos. 19 - 35 demolished 1967 Nos. 37, 39, 41 demolished 1966 |
| Clearance Area No. 63 106-110 Montagu Street 2-10 Ford Street (8 houses) | 8.2.66 | 20.4.66 | C.O. Confirmed 22.9.66 | Awaiting demolition |
| Clearance Area No. 64 55-77 Thorngate Street 91 Albert Street (12 houses) | 8.3.66 | 25.5.66 | C.P.O. | All vacant except 67 & 75 Thorngate Street. |

Table 16

Housing Acts, 1936-1957

Houses represented during 1967.

| | Date Represented | Clearance Area Declared | C.O., C.P.O., etc. | Remarks |
|--------------------------------------------------------------------------------------------------|---------------------|--------------------------------|--------------------------|--------------------------------------------------|
| Clearance Area No. 65 74-80 Alfred Street 24, 26, 30, 32, Ford Street (8 houses) | 13.6.67 | 26.7.67 | C.P.O. | No. 76 Alfred St. & No. 26 Ford St. vacant |
| Clearance Area No. 66 5, 6, 7, 8 West Street (4 houses) | 13.6.67 | 26.7.67 | C.O. | All occupied |
| Clearance Area No. 67 26 & 28 Thorngate Street | 13.6.67 | 26.7.67 | C.P.O. | Both occupied |
| Clearance Area No. 68 18-32 Water Street (8 houses) | 5.12.67 | Not declared at 31.12.67 | | All occupied |
| Clearance Area No. 69 36 & 38 Water Street (2 houses) | 5.12.67 | Not declared at 31.12.67 | | Both occupied |
| Clearance Area No. 70 42-48 Water Street (4 houses) | 5.12.67 | Not declared at 31.12.67 | | All occupied |

Table 17
Housing Acts, 1936-1957

(a) Individual houses represented as Unfit during the years 1957-1966, and condition at 31st December, 1966.

| | Date Represented | Position at 31st December, 1966 | |
|---------------------|------------------|---------------------------------|---------------------------|
| 7 Newman Street | 21.2.57 | Undertaking accepted 26.7.57 | Vacant |
| 43a Princes Street | 9.7.57 | Undertaking accepted 17.2.58 | Vacant |
| 5 School Lane | 8.10.57 | Undertaking accepted 23.12.57 | Vacant |
| 6 School Lane | 8.10.57 | Undertaking accepted 23.12.57 | Vacant |
| 2 Carrington Street | 4.12.58 | Undertaking accepted 13.2.59 | Vacant |
| 43 Alfred Street | 9.2.60 | Undertaking accepted 7.2.61 | Vacant |
| 4 Green Lane | 11.10.60 | Undertaking accepted 17.2.61 | Vacant |
| 18 Bayes Street | 7.2.61 | Undertaking accepted 14.4.61 | Vacant |
| 26 Ford Street | 11.7.61 | Included in C/A No. 65 | Vacant |
| 4 Queen Street | 13.11.62 | Undertaking accepted 2.1.63 | Vacant |
| 10 Albert Street | 12.2.63 | Purchased | Vacant |
| 62 Havelock Street | 9.4.63 | Undertaking accepted 10.6.63 | } Adapted to business use |
| 64 Havelock Street | 9.4.63 | Undertaking accepted 10.6.63 | |
| 37 Alfred Street | 11.6.63 | Undertaking accepted 10.9.63 | Vacant |
| 39 Alfred Street | 11.6.63 | Undertaking accepted 10.9.63 | Vacant |

(b) Individual houses represented as Unfit during 1967 and condition at 31st December, 1967.

| | | | |
|---------------------|---------|----------------------------------------|--------|
| 4 Bath Road | 4.4.67 | } Undertaking accepted 11.7.67 | Vacant |
| 6 Bath Road | 4.4.67 | | Vacant |
| 93 Buccleuch Street | 13.6.67 | Undertaking accepted 13.6.67 | — |
| | | House made "FIT" u/t cancelled 7/11/67 | |

(c) Council owned house in respect of which a Certificate of Unfitness was submitted during 1966.

Condition at end of 1967.

| | Date represented to Public Health Committee | Remarks |
|--------------------------------|---------------------------------------------|-----------------|
| Glebe Farm, Weekley Glebe Road | 8.3.66 | Demolished 1967 |

Table 18

Sanitary Work carried out as a result of Formal & Informal Action

A. Housing Repairs etc., Executed

| | | | | | | |
|--------------------------------------------------------|-----|-----|-----|-----|-----|-----|
| Houses re-drained | ... | ... | ... | ... | ... | 3 |
| Houses at which drains were repaired | ... | ... | ... | ... | ... | 1 |
| Inspection chambers constructed or repaired | ... | ... | ... | ... | ... | 33 |
| Intercepting traps fixed | ... | ... | ... | ... | ... | 2 |
| Fresh air inlets fixed or repaired | ... | ... | ... | ... | ... | 2 |
| Drain vent pipes fixed or repaired | ... | ... | ... | ... | ... | 3 |
| Glazed gulleys or grids provided and/or fixed | ... | ... | ... | ... | ... | 4 |
| Obstruction removed from drains, w.c's and sewers | ... | ... | ... | ... | ... | 252 |
| Rainwater gutters and/or downpipes repaired or renewed | ... | ... | ... | ... | ... | 81 |
| Soil pipes repaired or renewed | ... | ... | ... | ... | ... | 4 |
| Storm water sewers repaired, cleansed or cleared | ... | ... | ... | ... | ... | 1 |
| Sewer vents repaired or renewed | ... | ... | ... | ... | ... | 1 |
| Inspection chamber covers renewed | ... | ... | ... | ... | ... | 1 |
| Caps replaced to rodding eyes | ... | ... | ... | ... | ... | 1 |
| Septic tanks or cesspools emptied | ... | ... | ... | ... | ... | 1 |
| Defective w.c. pans and traps repaired or renewed | ... | ... | ... | ... | ... | 2 |
| W.C. provided with flushing cistern and water supply | ... | ... | ... | ... | ... | 1 |
| Flushing cisterns repaired or renewed | ... | ... | ... | ... | ... | 4 |
| Additional w.c.s constructed | ... | ... | ... | ... | ... | 1 |
| W.C. seats repaired | ... | ... | ... | ... | ... | 1 |
| Houses provided with sinks | ... | ... | ... | ... | ... | 2 |
| New sinks provided | ... | ... | ... | ... | ... | 3 |
| Bath or sink waste pipes renewed or repaired | ... | ... | ... | ... | ... | 2 |
| Wash hand basins connected to drainage system | ... | ... | ... | ... | ... | 3 |
| Sink waste channels renewed | ... | ... | ... | ... | ... | 1 |
| Houses provided with mains water | ... | ... | ... | ... | ... | 1 |
| Water taps provided internally | ... | ... | ... | ... | ... | 3 |
| Verge fillets repaired or renewed | ... | ... | ... | ... | ... | 7 |
| Roofs repaired | ... | ... | ... | ... | ... | 58 |
| Walls repaired internally | ... | ... | ... | ... | ... | 31 |
| Walls repaired externally | ... | ... | ... | ... | ... | 16 |
| Chimney stacks repaired | ... | ... | ... | ... | ... | 9 |
| Outbuildings reconstructed or repaired | ... | ... | ... | ... | ... | 2 |
| Rear additions reconstructed or repaired | ... | ... | ... | ... | ... | 3 |
| Rooms stripped and cleansed | ... | ... | ... | ... | ... | 3 |
| Stoves or fireplaces repaired or renewed | ... | ... | ... | ... | ... | 5 |
| Dampness remedied | ... | ... | ... | ... | ... | 28 |
| Ceilings repaired | ... | ... | ... | ... | ... | 10 |
| Windows repaired | ... | ... | ... | ... | ... | 1 |
| New sashcords fixed | ... | ... | ... | ... | ... | 8 |
| Fasteners and/or stays provided to windows | ... | ... | ... | ... | ... | 6 |
| Floor repaired or renewed | ... | ... | ... | ... | ... | 5 |
| Stairs repaired | ... | ... | ... | ... | ... | 1 |
| Handrails provided | ... | ... | ... | ... | ... | 1 |
| Dry rot remedied | ... | ... | ... | ... | ... | 4 |
| Doors repaired or renewed | ... | ... | ... | ... | ... | 13 |
| Doorsteps repaired or renewed | ... | ... | ... | ... | ... | 3 |

Table 18—continued

| | | | | | | |
|--------------------------------------------------------|-----|-----|-----|-----|-----|-----------------|
| Food stores ventilated | ... | ... | ... | ... | ... | 12 |
| Accumulations of refuse removed | ... | ... | ... | ... | ... | 11 |
| Refuse receptacles provided | ... | ... | ... | ... | ... | 4 |
| Paving to yards or passages repaired | ... | ... | ... | ... | ... | 2 |
| Houses connected to sewer in lieu of cesspool | ... | ... | ... | ... | ... | 1 |
| Nuisances from poultry or animals abated | ... | ... | ... | ... | ... | 3 |
| Burning of wastes nuisances abated | ... | ... | ... | ... | ... | 3 |
| House where name and address of owner not in rent book | ... | ... | ... | ... | ... | 1 |
| Miscellaneous nuisances abated | ... | ... | ... | ... | ... | 44 |
| | | | | | | <hr/> 709 <hr/> |
| C. Bakehouses | | | | | | |
| Cleansing of premises or redecoration | ... | ... | ... | ... | ... | 9 |
| Miscellaneous repairs | ... | ... | ... | ... | ... | 11 |
| | | | | | | <hr/> 20 <hr/> |
| D. Licensed Premises | | | | | | |
| Sanitary accommodation screened or repaired | ... | ... | ... | ... | ... | 5 |
| Wash hand basins with hot and cold water provided | ... | ... | ... | ... | ... | 4 |
| Limewashing and general cleansing carried out | ... | ... | ... | ... | ... | 2 |
| Cellar redecorated | ... | ... | ... | ... | ... | 8 |
| New sinks provided | ... | ... | ... | ... | ... | 5 |
| Miscellaneous repairs | ... | ... | ... | ... | ... | 3 |
| | | | | | | <hr/> 27 <hr/> |
| E. Restaurants | | | | | | |
| Food articles protected | ... | ... | ... | ... | ... | 1 |
| Redecoration | ... | ... | ... | ... | ... | 1 |
| Draining boards provided | ... | ... | ... | ... | ... | 1 |
| Clothing locker provided | ... | ... | ... | ... | ... | 1 |
| Repairs to walls, floors and ceilings | ... | ... | ... | ... | ... | 2 |
| Sanitary accommodation screened | ... | ... | ... | ... | ... | 1 |
| New urinal and/or W.C. constructed | ... | ... | ... | ... | ... | 1 |
| Miscellaneous repairs | ... | ... | ... | ... | ... | 5 |
| | | | | | | <hr/> 13 <hr/> |
| F. Factory Canteens | | | | | | |
| Structural defects repaired | ... | ... | ... | ... | ... | 2 |
| Redecoration and cleansing | ... | ... | ... | ... | ... | 3 |
| Miscellaneous | ... | ... | ... | ... | ... | 5 |
| | | | | | | <hr/> 10 <hr/> |

Table 18—continued

G. Dairies

| | | | | |
|---------------------------------------|-----|-----|-----|----------|
| Limewashing and cleansing carried out | ... | ... | ... | 1 |
| Walls, floors, etc., repaired | ... | ... | ... | 9 |
| Miscellaneous repairs | ... | ... | ... | 4 |
| | | | | <hr/> 14 |

H. Mobile Shops

| | | | | |
|-------------------------------------|-----|-----|-----|---------|
| Name and address of owner displayed | ... | ... | ... | 3 |
| Hot water supply provided | ... | ... | ... | 2 |
| First Aid Kit provided | ... | ... | ... | 1 |
| Miscellaneous | ... | ... | ... | 2 |
| | | | | <hr/> 8 |

I. Other Food Premises

| | | | | |
|----------------------------------------------------|-----|-----|-----|-----------|
| Defective roof, spouting etc., repaired or renewed | ... | ... | ... | 7 |
| Defective walls and/or ceiling repaired or renewed | ... | ... | ... | 22 |
| Hot water supply provided or repaired | ... | ... | ... | 11 |
| Regular limewashing and/or cleansing | ... | ... | ... | 3 |
| New sinks provided | ... | ... | ... | 2 |
| Wash hand basins provided or repaired | ... | ... | ... | 3 |
| Floors repaired and/or cleansed | ... | ... | ... | 14 |
| Redecoration | ... | ... | ... | 11 |
| Adequate lighting and ventilation provided | ... | ... | ... | 1 |
| Clothing lockers provided | ... | ... | ... | 1 |
| First Aid materials provided | ... | ... | ... | 4 |
| Structural defects remedied | ... | ... | ... | 2 |
| Wash hand basin with hot and cold water provided | ... | ... | ... | 10 |
| Miscellaneous repairs | ... | ... | ... | 52 |
| | | | | <hr/> 144 |

J. Markets

| | | | | |
|------------------------------------------|-----|-----|-----|---------|
| Suitable covering for open food provided | ... | ... | ... | 1 |
| Name and address of owner displayed | ... | ... | ... | 1 |
| | | | | <hr/> 2 |

K. Factories

| | | | | |
|------------------------------------------------------------------|-----|-----|-----|----------|
| Cleansing and/or redecoration carried out | ... | ... | ... | 10 |
| Sanitary accommodation repaired | ... | ... | ... | 9 |
| Defective walls and/or ceilings repaired | ... | ... | ... | 2 |
| Artificial light provided to W.C. | ... | ... | ... | 4 |
| Ventilators fitted and/or intervening ventilated spaces provided | ... | ... | ... | 11 |
| Sex of users marked on sanitary conveniences | ... | ... | ... | 5 |
| Miscellaneous repairs | ... | ... | ... | 23 |
| | | | | <hr/> 64 |

Grand Total ... **1,011**

Table 19
Food Premises
The Food Hygiene (General) Regs. 1960

| Trade | | | | Number | Comply with Reg. 16 | Premises to which Reg. 19 applies | Comply with Reg. 19 |
|-----------------------------------------------|-----|-----|-----|-----------------|------------------------|--------------------------------------------|------------------------|
| Bakehouses | ... | ... | ... | 11 | 11 | 11 | 11 |
| Beer Bottlers and Soft Drink Manufacturers | ... | ... | ... | 3 | 3 | 3 | 3 |
| Butchers... | ... | ... | ... | 37 | 37 | 37 | 37 |
| Cafés and Restaurants | ... | ... | ... | 20 | 20 | 20 | 20 |
| Canteens (Works and Schools) | | | | 17 | 17 | 17 | 17 |
| Confectioners | ... | ... | ... | 32 | 30 | 28 | 24 |
| Fishmongers (including fishfryers) | | | | 22 | 22 | 22 | 22 |
| Food Storage Depots | ... | ... | ... | 4 | 4 | 3 | 3 |
| Fruiterers and Greengrocers | ... | ... | ... | 15 | 15 | 14 | 10 |
| Grocery and Provisions | ... | ... | ... | 43 | 43 | 43 | 43 |
| Licensed Premises (Public Houses & Clubs) | ... | ... | ... | 52 | 50 | 51 | 48 |
| Ice Cream Manufacturer | ... | ... | ... | 1 | 1 | 1 | 1 |
| Supermarkets | ... | ... | ... | 6 | 6 | 6 | 6 |
| General Stores | ... | ... | ... | 83 | 81 | 80 | 80 |
| Dairy or Purveyor of Milk | ... | ... | ... | 3 | 3 | 1 | 1 |
| Egg Packing and Processing | ... | ... | ... | 1 | 1 | 1 | 1 |
| | | | | <hr/> 350 <hr/> | <hr/> 344 <hr/> | <hr/> 338 <hr/> | <hr/> 327 <hr/> |

The premises which do not comply with the appropriate regulations, either have a short life on account of clearance or redevelopment, or the necessary work has been required.

Table 20

Registrations or Licences Granted by the Council

Food and Drugs Act, 1955, Section 16 :

| | | | | | | |
|----------------------------------|-----|-----|-----|-----|-----|-----------------|
| Ice-Cream Dealers | ... | ... | ... | ... | ... | 145 |
| Ice-Cream Manufacturers | ... | ... | ... | ... | ... | 3 |
| Manufacturers of Preserved Foods | ... | ... | ... | ... | ... | 38 |
| Total | | | | | | <hr/> 186 <hr/> |

Milk and Dairies Regulations, 1949 :

| | | | | | | |
|-------------------|-----|-----|-----|-----|-----|----------------|
| Dairies | ... | ... | ... | ... | ... | 1 |
| Purveyors of Milk | ... | ... | ... | ... | ... | 64 |
| Total | | | | | | <hr/> 65 <hr/> |

Pet Animals Act, 1951 :

| | | | | | | |
|-----------|-----|-----|-----|-----|-----|---|
| Pet Shops | ... | ... | ... | ... | ... | 4 |
|-----------|-----|-----|-----|-----|-----|---|

Scrap Metal Dealers Act, 1964 :

| | | | | | | |
|----------------------|-----|-----|-----|-----|-----|---|
| Dealers in Old Metal | ... | ... | ... | ... | ... | 7 |
|----------------------|-----|-----|-----|-----|-----|---|

Rag Flock and other Filling Materials Act, 1951 :

| | | | | | | |
|---------|-----|-----|-----|-----|-----|---|
| Dealers | ... | ... | ... | ... | ... | 1 |
|---------|-----|-----|-----|-----|-----|---|

Slaughter of Animals Acts, 1933 and 1954 :

| | | | | | | |
|--------------|-----|-----|-----|-----|-----|----|
| Slaughtermen | ... | ... | ... | ... | ... | 13 |
|--------------|-----|-----|-----|-----|-----|----|

Table 21

Carcases and Offal Inspected and Condemned in Whole or in Part

| | Cattle, exclud- ing cows | Cows | Calves | Sheep and Lambs | Pigs | Horses |
|-----------------------------------------------------------------------------------------------------------|--------------------------------|------|--------|-----------------------|-------|--------|
| Number killed | 2930 | 165 | 162 | 6939 | 8415 | Nil |
| Number inspected | 2930 | 165 | 162 | 6939 | 8415 | Nil |
| Tuberculosis only: | | | | | | |
| Whole carcases condemned | — | — | — | — | — | — |
| Carcases of which some part or organ was con- demned | 2 | — | — | — | 89 | — |
| Percentage of the number inspected affected with tuberculosis | 0.07 | — | — | — | 1.06 | — |
| All diseases except Tuberculosis and Cysticerci: | | | | | | |
| Specific diseases causing condemnation of whole carcase: | | | | | | |
| Pathological Emaciation | — | — | — | 4 | — | — |
| Multiple Sarcomatosis | — | — | — | 1 | — | — |
| Acute Peritonitis ... | 1 | — | — | — | — | — |
| Toxaemia | — | — | — | 1 | — | — |
| Septic Mastitis | — | — | — | 3 | — | — |
| Septic Pleurisy | — | — | — | 1 | — | — |
| Pyæmia | — | — | — | — | 2 | — |
| Fevered | 1 | — | — | 7 | 2 | — |
| Carcases of which some part or organ was con- demned | 2 | — | — | 17 | 4 | — |
| Percentage of the number inspected affected with disease other than tu- berculosis or cysticerci | 1584 | 2 | 4 | 171 | 1386 | — |
| | 54.06 | 1.21 | 2.47 | 2.71 | 16.51 | — |
| Cysticercosis: | | | | | | |
| Carcases in which some part or organ was con- demned | 13 | — | — | — | — | — |
| Carcases submitted to treatment by refrigera- tion | 2 | — | — | — | — | — |
| Generalised and totally condemned | — | — | — | — | — | — |

Table 22

Prevalence of, and Control over, Infectious and Other Diseases

**Notifiable Diseases (Other than Tuberculosis)
during the year 1967**

The following table gives the number and age groups of the cases notified :

| DISEASE | All Ages 1966 | All Ages 1967 | Under 1 year | 1 to 2 years | 2 to 3 years | 3 to 4 years | 4 to 5 years | 5 to 10 years | 10 to 15 years | 15 to 25 years | 25 to 45 years | 45 to 65 years | Over 65 years | Unknown |
|-----------------------------------------------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|----------------|----------------|----------------|---------------|---------|
| Smallpox | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever | 34 | 21 | — | — | 3 | 3 | 6 | 8 | 1 | — | — | — | — | — |
| Diphtheria | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enteric Fever (including Typhoid & Paratyphoid) ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Puerperal Pyrexia | 1 | 2 | — | — | — | — | — | — | — | — | 2 | — | — | — |
| Pneumonia | 24 | 8 | — | — | — | — | — | 1 | 1 | 1 | — | 2 | 3 | — |
| Erysipelas | 3 | 2 | — | — | — | — | — | — | — | — | — | — | 2 | — |
| Ophthalmia Neonatorum ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Acute Poliomyelitis : | | | | | | | | | | | | | | |
| Paralytic | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Non-Paralytic | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Encephalitis : | | | | | | | | | | | | | | |
| Infective | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Post Infectious | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Meningococcal Infection ... | 2 | 1 | — | 1 | — | — | — | — | — | — | — | — | — | — |
| Dysentery | 58 | 2 | — | — | — | — | — | — | — | — | 1 | — | 1 | — |
| Measles | 242 | 697 | 22 | 64 | 117 | 135 | 133 | 214 | 7 | 4 | — | — | — | 1 |
| Whooping Cough | 7 | 20 | 2 | 5 | 2 | 4 | 2 | 5 | — | — | — | — | — | — |
| Malaria | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Food Poisoning | 25 | 6 | — | 1 | — | 1 | — | — | 1 | 3 | — | — | — | — |
| Infectious Hepatitis ... | 7 | 5 | — | — | — | — | — | 3 | 2 | — | — | — | — | — |
| TOTALS | 403 | 764 | 24 | 71 | 122 | 143 | 141 | 231 | 12 | 8 | 3 | 2 | 6 | 1 |

Table 23

Deaths from Cancer, 1958-1967

| Year | | | | | Total Deaths from Cancer | Cancer Deaths— % of total Deaths | Cancer Deaths—Rate per 1,000 Population |
|------|-----|-----|-----|-----|-----------------------------|-------------------------------------|--------------------------------------------|
| 1958 | ... | ... | ... | ... | 94 | 19.62 | 2.51 |
| 1959 | ... | ... | ... | ... | 73 | 15.97 | 1.94 |
| 1960 | ... | ... | ... | ... | 77 | 16.28 | 2.02 |
| 1961 | ... | ... | ... | ... | 95 | 19.87 | 2.46 |
| 1962 | ... | ... | ... | ... | 74 | 16.19 | 1.91 |
| 1963 | ... | ... | ... | ... | 98 | 19.68 | 2.53 |
| 1964 | ... | ... | ... | ... | 95 | 17.92 | 2.44 |
| 1965 | ... | ... | ... | ... | 83 | 17.4 | 2.13 |
| 1966 | ... | ... | ... | ... | 103 | 21.28 | 2.63 |
| 1967 | ... | ... | ... | ... | 87 | 19.00 | 2.21 |

| Site | Sex | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | Total |
|---------------------|---------|------|------|------|------|------|------|------|------|------|------|-------|
| Stomach | Males | 9 | 2 | 8 | 10 | 11 | 7 | 8 | 4 | 9 | 3 | 71 |
| | Females | 7 | 2 | 1 | 3 | 2 | 2 | 7 | 3 | 8 | 4 | 39 |
| Lung or Bronchus | Males | 19 | 17 | 5 | 17 | 12 | 22 | 23 | 19 | 19 | 16 | 169 |
| | Females | 4 | — | 1 | 1 | 1 | 3 | 1 | — | 3 | 4 | 18 |
| Breast | Females | 8 | 3 | 7 | 11 | 12 | 11 | 8 | 6 | 15 | 10 | 91 |
| Uterus | Females | 7 | 6 | 7 | 2 | 3 | 4 | 3 | 5 | 4 | 5 | 46 |

Table 24

Tuberculosis

New Cases and Mortality during 1967

| Age Periods | New Cases | | | | Deaths | | | |
|-----------------|-----------|----|-------------------|----|-----------|----|-------------------|----|
| | Pulmonary | | Non- Pulmonary | | Pulmonary | | Non- Pulmonary | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| Under 1 yr. ... | — | — | — | — | — | — | — | — |
| 1 to 5 ... | — | — | — | — | — | — | — | — |
| 5 to 10 ... | — | 2 | — | — | — | — | — | — |
| 10 to 15 ... | 1 | 1 | — | — | — | — | — | — |
| 15 to 20 ... | — | — | — | 1 | — | — | — | — |
| 20 to 25 ... | — | 1 | 1 | — | — | — | — | — |
| 25 to 35 ... | 1 | — | — | — | — | — | — | — |
| 35 to 45 ... | — | 1 | — | — | — | — | — | — |
| 45 to 55 ... | — | — | — | — | — | — | — | — |
| 55 to 65 ... | 1 | — | — | — | — | — | — | — |
| 65 & over ... | 1 | — | — | — | — | — | — | — |
| TOTALS ... | 4 | 5 | 1 | 1 | — | — | — | — |

Form I. (Patients admitted to Sanatoria) ... 10

Form II. (Patients discharged from Sanatoria) ... 11

Table 25

Atmospheric Pollution

Daily Volumetric Smoke Filter

Average Daily Reading of Smoke Concentration in microgrammes per cubic metre.

| | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
|------|------|------|------|-------|-----|------|------|------|-------|------|------|------|------|
| 1962 | — | — | — | — | — | 46 | 38 | 60 | 65 | 99 | 180 | 235 | — |
| 1963 | 189 | 149 | 74 | 68 | 53 | 36 | 45 | 46 | 60 | 71 | 89 | 148 | 86.0 |
| 1964 | 152 | 109 | 73 | 62 | 33 | 40 | 40 | 41 | 46 | 93 | 89 | 126 | 77.4 |
| 1965 | 87 | 100 | 84 | 43 | 33 | 19 | 15 | 24 | 42 | 76 | 81 | 67 | 55.2 |
| 1966 | 119 | 54 | 42 | 38 | 19 | 15 | 16 | 32 | 39 | 55 | 70 | 52 | 45.2 |
| 1967 | 70 | 48 | 23 | 37 | 21 | 14 | 12 | 16 | 23 | 22 | 63 | 67 | 35.1 |

Average Daily Reading of Sulphur Dioxide Concentration in microgrammes per cubic metre.

| | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Year |
|------|------|------|------|-------|-----|------|------|------|-------|------|------|------|------|
| 1962 | — | — | — | — | — | 56 | 51 | 45 | 56 | 88 | 160 | 167 | — |
| 1963 | 225 | 201 | 88 | 70 | 67 | 33 | 44 | 39 | 61 | 78 | 88 | 126 | 93.6 |
| 1964 | 153 | 130 | 91 | 85 | 40 | 45 | 43 | 44 | 47 | 102 | 110 | 134 | 87.2 |
| 1965 | 119 | 138 | 113 | 72 | 57 | 43 | 28 | 39 | 63 | 68 | 116 | 101 | 79.9 |
| 1966 | 143 | 86 | 84 | 48 | 46 | 33 | 30 | 33 | 48 | 62 | 101 | 79 | 65.7 |
| 1967 | 104 | 70 | 43 | 72 | 49 | 31 | 22 | 26 | 40 | 37 | 88 | 100 | 57.2 |

